

BOSTON PUBLIC LIBRARY



3 9999 06317 801 4

217

A BIBLIOGRAPHY OF REFERENCES TO AVIAN CHOLERA

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Special Scientific Report—Wildlife No. 217

Wilson, Sonoma S.

(Special scientific report—wildlife; no. 217)

1. Chicken cholera—Bibliography. I. Title. II. Series: United States. Fish and Wildlife Service. Special scientific report—wildlife; no. 217.

NOTE: Use of trade names does not imply U.S. Government endorsement of commercial products.

A BIBLIOGRAPHY OF REFERENCES TO AVIAN CHOLERA

By Sonoma S. Wilson



UNITED STATES DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE

Special Scientific Report—Wildlife No. 217

Washington D.C. • 1979

A Bibliography of References to Avian Cholera

by

Sonoma S. Wilson

U.S. Fish and Wildlife Service
National Wildlife Health Laboratory
Bear River Research Station, P.O. Box 459
Brigham City, Utah 84302

Mrs. Wilson has made a genuine effort to include in this bibliography every significant reference to avian cholera since Louis Pasteur's articles appeared in 1880, although she recognizes the likelihood that a few have been overlooked. New listings have been added throughout 1978, but comprehensive coverage of the literature cannot be claimed beyond June of that year.

Textbook accounts, because they are generally summaries of work published elsewhere, are excluded. Papers dealing primarily with the biology of *Pasteurella multocida*, as opposed to the disease it induces in birds, are also excluded, unless they report information of diagnostic usefulness. Short abstracts are not included unless the journals in which they are published are more widely available than those in which the complete articles appear or they are English summaries of foreign language articles.

In compiling this bibliography, Mrs. Wilson has made extensive use of *Biological Abstracts*, the *Pesticide Documentation Bulletin*, and printouts generated by Bibliographic Retrieval Services, Inc. The "Literature Cited" sections of textbooks and journal articles pertinent to the subject were sources of many additional references. Regardless of the origin of the citation, its accuracy was confirmed by comparison with the original publication, except in those few instances (marked with an asterisk) when the journal was not on the shelves of the libraries accessible to us.

The author will be grateful to users of the bibliography who point out errors or omissions.

Wayne I. Jensen
Microbiologist In Charge

- Abdel-Galil, G. 1971. Studies on the immunological properties of antihæmorrhagic septicaemia hyper-immune sera and its specific globulin fractions. U.A.R. J. Vet. Sci. 8(1):31-36.
- *Absalyamov, I. F. 1965. Pathomorphology of duck pasteurellosis. Mosc. Vses. Inst. Eksp. Vet. Tr. 31:174-179.
- Achkurin, B. S. 1956. The experimental prophylaxis and therapy of chicken pasteurellosis with penicillin. Ptitsevodstvo. 1956(1):40.
- Adamesteanu, I., C. Adamesteanu, V. Salantiu, N. Trica, S. Ghergariu, M. Salculeanu, and T. Rusu. 1966. A combination of citrated blood, terramycin and tritured haematopaietic organs in the control of fowl pest. Inst. Agron. Dr. Petru Groza. Lucrar Stiint. Ser. Med. Vet. Zootehnie 21:147-153.
- Adlakha, S. C. 1969. Infectious coryza of poultry. Indian Farming 19(9):45-47.
- Ahmed, O. A. R., L. D. Olson, and E. L. McCune. 1974. Tissue irritation induced in turkeys by fowl cholera bacterins. Avian Dis. 18(4):590-601.
- Ahmed, R. 1970. Gross and histopathological reactions of fowl cholera bacterins in turkeys. Sudan J. Vet. Sci. Anim. Husb. 11(2):62-69.
- Akulova, N. S. 1964. Peculiarities of chlortetracycline distribution in the organism of birds infected with pasteurellosis. Antibiotiki (Mosc.) 9(12):1094-1096.
- Akulova, N. S. 1966. Comparative study of distribution of chlortetracycline in body of hens and ducks at experimental pasteurellosis. Mosc. Vses. Inst. Eksp. Vet. Tr. 32:96-102.
- Alberts, J. O. 1950. The prophylactic and therapeutic properties of sulfamerazine in fowl cholera. Am. J. Vet. Res. 11:414-420.
- Alberts, J. O. 1951. Cholera—one of your worst foes. Turkey World, Oct. 1951:14-15, 58-61.
- Alberts, J. O. 1955. Let's hold the line against those fall health problems. Turkey World, Sept. 1955:18, 62-63.
- Alberts, J. O., and R. Graham. 1948. Fowl cholera in turkeys. N. Am. Vet. 29:24-26.

- Alberts, J. O., and R. Graham. 1948. Sulfamerazine in the treatment of fowl cholera in turkeys. *Am. J. Vet. Res.* 9:310-313.
- Alberts, J. O., and R. Graham. 1951. An observation on aureomycin therapy of fowl cholera in pheasants. *Vet. Med.* 46:505-506.
- Alexander, A. M., and M. A. Soltys. 1973. Relationship of serum agglutinins to protective immunity produced in turkeys immunized against fowl cholera. *J. Comp. Pathol.* 83(2):191-198.
- Alls, A. A., G. S. Appleton, and J. R. Ipson. 1970. A bird-contact method of challenging turkeys with *Pasteurella multocida*. *Avian Dis.* 14(1):172-178.
- Anderson, L. A. P., M. G. Coombes, and S. M. K. Mallick. 1929. On the dissociation of *Bacillus avisepticus*. Part I. *Indian J. Med. Res.* 29:611-624.
- Anderson, L. A. P., M. G. Coombes, S. M. K. Mallick, and C. de C. Martin. 1929. On the dissociation of *Bacillus avisepticus*. Part II. *Indian J. Med. Res.* 29:625-639.
- Anderson, N. G., W. C. Alpaugh, and C. O. Baughn. 1974. Effect of sulfachloropyrazine in the drinking water of chickens infected experimentally with fowl cholera. *Avian Dis.* 18(3):410-415.
- Angus, R. D., D. J. Kelley, and D. E. Pietz. The production and standardization of typing antisera for *Pasteurella multocida*. U.S. Dep. Agric., Animal Plant Health Inspection Service 91-16:46-48.
- Anonymous. 1948. Sulfamethazine and sodium sulfamethazine in fowl cholera. *J. Am. Vet. Med. Assoc.* 113(857):157. (Abstr.)
- *Anonymous. 1952. Significance of *Pasteurella* types. *Off. Internat. des Epizoot.* 38 [May]. Abstract also published in *J. Am. Vet. Med. Assoc.* 125(933):483.
- Anonymous. 1957. Treating fowl cholera in turkeys. *J. Am. Vet. Med. Assoc.* 131(10):469. (Abstr.)
- Anonymous. 1958. Fowl cholera in ducklings. *J. Am. Vet. Med. Assoc.* 133(2):96. (Abstr.) Abstract also published in *Vet. Bull.*, April 1958:984.
- Anonymous. 1965. Workshop symposium on avian pasteurellosis. *Bull. Wildl. Dis. Assoc.* 1(2):11-13.
- Anonymous. 1969. Bacterins, drugs best weapons against cholera attack. *Turkey World*, March 1969:21-22.
- Anonymous. 1977. New tool helps turkey producers fight fowl cholera. *Anim. Nutr. Health*, April 1977:17-19.
- Armstrong, W. H., and R. A. Bankowski. 1949. Sulfamethazine treatment in an acute outbreak of fowl cholera. *Vet. Med.* 44:306-307.
- Arsov, R. 1965. The portal of infection in fowl cholera. *Nauchn. Tr. vissh. vet.-med. Inst. Prof. G. Pavlov* 14:13-17. (Abstract also published in *Vet. Bull.* 36:710.)
- Baba, T. 1977. Immunogenic activity of a ribosomal fraction obtained from *Pasteurella multocida*. *Infect. Immun.* 15(1):1-6.
- Baba, T., and Y. Bito. 1966. Studies on the toxin of *Pasteurella multocida*. *Jpn. J. Bacteriol.* 2(12):711-714.
- Bain, R. V. S. 1957. A note on some *Pasteurella* types in Australian animals. *Aust. Vet. J.* 33:119-121.
- Bairey, M. H. 1975. Immune response to fowl cholera antigens. *Am. J. Vet. Res.* 36(4 Part 2):575-578.
- Bapat, J. A., and A. N. Sawhney. 1973. Toxicity of capsular and somatic antigens of *Pasteurella multocida*. *Jawaharlal Nehru Krishi Vishwa Vidyalaya Res. J.* 7(3):179-180.
- Bapat, J. A., A. N. Sawhney, and R. P. Awadhiya. 1973. Studies on the pathology of experimental fowl cholera. *Jawaharlal Nehru Krishi Vishwa Vidyalaya Res. J.* 7(3):118-119.
- Barouchieva, M., and D. Feinhaken. 1974. Serological classification of *Pasteurella* strains isolated from cases of fowl cholera. *Refu. Vet.* 31(2):55-58.
- Barto, P. B. 1956. Some immunological aspects of *Pasteurella multocida* in the chicken. *Diss. Abstr.* 16(2):208-209.
- Beach, J. R. 1922. Observation on the occurrence of fowl cholera in California. *Poult. Sci.* 1(6):186-195.
- Beaudette, F. R. 1926. *Bacillus aertrycke* as the etiological agent in a disease affecting squabs. *J. Am. Vet. Med. Assoc.* 21(5):644-652.
- Beckman, J. R. 1967. Wild birds and animals can be carriers of poultry disease. *Poult. Trib.* 73(1):33, 84.
- Beeler, D. 1979. Turkey men learn more about CU oral vaccine for cholera. *Anim. Nutr. Health* 34(1):28.
- *Bernath, S., and T. Soos. 1968/72. Comparative efficiency test of fowl cholera vaccines in poultry and mice. *Evk. Allagyogy Oltoanyagellenorzo Intez.* (Budapest):61-74.
- Bhasin, J. L., and E. L. Biberstein. 1968. Fowl cholera—the efficacy of adjuvant bacterins. *Avian Dis.* 12:159-168.
- Bierer, B. W. 1962. Treatment of avian pasteurellosis with injectable antibiotics. *J. Am. Vet. Med. Assoc.* 141(11):1344-1346.
- Bierer, B. W. 1968. Gross lesions observed in turkeys infected with fowl cholera via the drinking water. *Poult. Sci.* 47(4):1365.
- Bierer, B. W. 1969. Blood serum fractions in turkeys exposed to fowl cholera infection. *Poult. Sci.* 48(4):1396-1400.
- Bierer, B. W. 1969. Comparison of a live drinking water vaccine for fowl cholera in turkeys to a killed drinking water vaccine and to five injected commercial bacterins. *Poult. Sci.* 48(2):633-636.
- Bierer, B. W. 1974. Chicken cholera. Page 24 in B. W. Bierer, *History of animal plagues in North America*. U.S. Department of Agriculture, Washington, D.C.
- Bierer, B. W. 1977. An evaluation of the effect of various concentrations of the Clemson University *Pasteurella multocida* drinking water vaccine on the

- immune response against fowl cholera disease in turkeys. *Poult. Sci.* 56(1):327-330.
- Bierer, B. W., and W. T. Derieux. 1971. Immune response of turkeys to an attenuated fowl cholera vaccine in the drinking water. *Poult. Sci.* 50(5):1552.
- Bierer, B. W., and W. T. Derieux. 1972. Immunologic response of turkeys to an avirulent *Pasteurella multocida* vaccine in the drinking water. *Poult. Sci.* 51(2):408-416.
- Bierer, B. W., and W. T. Derieux. 1972. Immunologic response of turkeys to an avirulent *Pasteurella multocida* vaccine in the drinking water. 2. Duration of immunity. *Poult. Sci.* 51(4):1402-1408.
- Bierer, B. W., and W. T. Derieux. 1973. Efforts to transmit and to enhance the virulence of an avirulent strain of *Pasteurella multocida* in turkeys. *Poult. Sci.* 52(4):1510-1516.
- Bierer, B. W., and W. T. Derieux. 1974. Exposing turkeys by various routes to an avirulent and virulent strains of *Pasteurella multocida*. *Poult. Sci.* 52(6):2290-2298.
- Bierer, B. W., and W. T. Derieux. 1975. The ability of blood plasma from drinking water vaccinated turkeys to protect against a lethal challenge of *Pasteurella multocida*. *Poult. Sci.* 54(6):2091-2093.
- Bierer, B. W., and W. T. Derieux. 1975. Immunologic response of turkey poults of various ages to an avirulent *Pasteurella multocida* vaccine in the drinking water. *Poult. Sci.* 54(3):784-787.
- Bierer, B. W., and W. T. Derieux. 1976. The effect of sulfaquinoxaline feed medication on the immunologic response to a *Pasteurella multocida* vaccine administered to turkeys via drinking water. *Poult. Sci.* 55(1):209-212.
- Bierer, B. W., and T. H. Eleazer. 1968. Comparative efficacy of commercial fowl cholera bacterins and autogenous bacterin in White Leghorn hens artificially infected with *Pasteurella multocida*. *Poult. Sci.* 47(4):1162-1165.
- Bierer, B. W., and T. H. Eleazer. 1968. Continuous use of a live vaccine in the drinking water against fowl cholera infection in turkeys. *Poult. Sci.* 47:1656.
- Bierer, B. W., and W. F. Scott. 1969. Comparison of attenuated live *Pasteurella multocida* vaccine given in the drinking water every two weeks to an injected oil-base bacterin administered to turkeys. *Poult. Sci.* 48(2):520-523.
- Bierer, B. W., W. F. Scott, and T. H. Eleazer. 1968. Comparison of attenuated live *Pasteurella multocida* given in drinking water to an oil-base bacterin administered to turkeys. *Poult. Sci.* 47(5):1655-1656.
- Bierer, B. W., C. L. Vickers, and H. D. Valentine. 1961. Preparation and use of an autogenous fowl cholera bacterin for turkeys. *J. Am. Vet. Med. Assoc.* 138(2):85-86.
- Bivins, J. A. 1953. Pasteurellosis in a starling. *Cornell Vet.* 43:241-243.
- Bivins, J. A. 1955. Pasteurellosis in feral birds. *Cornell Vet.* 45(2):180-181.
- Blackburn, B. O., K. L. Heddlestone, and C. J. Pflow. 1975. *Pasteurella multocida* serotyping results (1971-1973). *Avian Dis.* 19(2):353-356.
- Bolin, F. M., and D. F. Eveleth. 1951. The use of biological products in experimental fowl cholera. Pages 110-112 in *Proceedings of the American Veterinary Medical Association*, 88th Annual Meeting.
- Bond, R. E., J. M. Donahue, and L. D. Olson. 1970. Colony features of *Pasteurella multocida* and their use in diagnosing fowl cholera in turkeys. *Avian Dis.* 14(1):24-28.
- Bond, R. E., and L. D. Olson. 1974. Susceptibility of turkey poults to *Pasteurella multocida* and a comparison with older turkeys. *Avian Dis.* 18(4):619-622.
- Borisenkova, A. N. 1976. Role of cellular components of *Pasteurella multocida* in the development of pasteurellosis immunity in fowl cholera. *Veterinariia (Mosk.)* 2:45-46.
- Borisenkova, A. N., and I. A. Bolotnikov. 1967. Antigenic properties of *Pasteurella* strains recovered from chickens and turkeys. *Veterinariya (Mosc.)* 4:23-26.
- Bottorff, C. A. 1948. How much, and when should we use sulfa drugs? *Turkey World*, May 1948:11.
- Boyakhchyan, A. B., and M. S. Arevshatyan. 1966. Curative and prophylactic efficacy of monomycin in experimental pasteurellosis of hens. *Antibiotiki (Mosc.)* 11(4):377-378.
- Boyakhchyan, A. B., and M. S. Arevshatyan. 1966. The use of monomycin in treatment of experimentally induced pasteurellosis in chickens. *Akad. Nauk. Arm. SSR. Izv. Biol. Nauk.* 19(7):35-40.
- Boyer, C. I., Jr., and J. A. Brown. 1963. Protection of turkeys vaccinated with fowl cholera bacterins. *Avian Dis.* 7(2):165-167.
- Bozorgmehri, M. H., and M. Afnan. 1972. An outbreak of fowl cholera in a poultry farm. *Tehran Univ. Vet. Fac. J.* 28(3):23-28.
- Brada, W., and J. C. F. Campelo. 1960. Isolation of *Pasteurella multocida* from an owl (*Otus choliba choliba*). *Arq. Inst. Biol. Anim. (Rio de J.)* 3:117-120.
- Brandly, C. A., H. E. Moses, E. L. Jungherr, E. Jones, and E. E. Tyzzer. 1946. Newcastle disease and fowl plague investigations in the war research program. *J. Am. Vet. Med. Assoc.* 108(831):369-371.
- Bravo, T. C., G. O. Pacheco, and G. A. Cuadra. 1971. Bacteriological study of avian pasteurellosis. *Rev. Latinoam. Microbiol.* 13(3):183-187.
- Brion, A. 1962. A serious threat to aviculture: respiratory diseases. *Ann. Med. Vet.* 106(1):3-17.
- Brogden, K. A., and P. A. Rebers. 1978. Serologic examination of the Westphal-type lipopolysaccharides of *Pasteurella multocida*. *Am. J. Vet. Res.* 39(10):1680-1682.

- Brogden, K. A., K. R. Rhoades, and K. L. Heddlestone. 1978. A new serotype of *Pasteurella multocida* associated with fowl cholera. *Avian Dis.* 22(1):185-190.
- Brown, J., R. B. Davis, and D. L. Dawe. 1969. Pigeon failure as vector of fowl cholera in turkeys. *Avian Dis.* 13(3):670-672.
- Brown, J., D. L. Dawe, and R. B. Davis. 1971. Bobwhites (*Colinus virginianus*) failure as vectors of fowl cholera in turkeys. *J. Wildl. Dis.* 7(1):63-66.
- Brown, J., D. L. Dawe, R. B. Davis, J. W. Foster, and K. K. Srivastava. 1970. Fowl cholera immunization in turkeys: I. Efficacy of various cell fractions of *Pasteurella multocida* as vaccines. *Appl. Microbiol.* 19(5):837-841.
- Bukowski, K. 1966. Phosphatase activity in *Pasteurella multocida*. A test for differentiation between var. *mammalian* and var. *avium* of this organism. *Acta Microbiol. Pol.* 15(1):13-16.
- *Butkin, E. I. 1972. Pasteurellosis (cholera) in birds. Moskva, "Kolos." 183 pp.
- Bychkov, A. I. 1966. Epizootiology and measures for eradicating fowl pasteurellosis. *Veterinariya (Mosc.)* 2:43-45.
- Bzhehinsky, S. K. 1964. Effect of terramycin and biomycin on post-vaccinal fowl cholera, immunity of chicks. *Ptitsevodstvo* 12:27-28.
- Cameron, W. J. 1969. New solutions to old problems. *Turkey World*, Jan. 1969:18-19.
- Canham, A. S., and D. A. Haig. 1942. Wattle disease: a form of chronic fowl cholera in Natal. *J. S. Afr. Vet. Med. Assoc.* 13(1):25-27.
- Carlson, H. C., and K. S. Penniford. 1961. Pasteurellosis in penguins. *Can. Vet. J.* 2:157-158.
- Carter, G. R. 1950. Studies on a *Pasteurella multocida* chicken embryo vaccine. I. The comparative immunizing value of broth bacterins and a chicken embryo vaccine in mice. *Am. J. Vet. Res.* 11(40):252-255. Abstract also published in *J. Am. Vet. Med. Assoc.* 117(884):430.
- Carter, G. R. 1951. Studies on a *Pasteurella multocida* chicken embryo vaccine. II. Type-specific nature of immunity elicited by a monovalent *Pasteurella multocida* vaccine. *Am. J. Vet. Res.* 12(45):326-328.
- Carter, G. R. 1952. Some comments on pasteurellosis. *Can. J. Comp. Med.* 16:150-152.
- Carter, G. R. 1955. Studies on *Pasteurella multocida*. I. A hemagglutination test for the identification of serological types. *Am. J. Vet. Res.* 16(60):481-484.
- Carter, G. R. 1957. Studies on *Pasteurella multocida*. II. Identification of antigenic characteristics and colonial variants. *Am. J. Vet. Res.* 18(66):210-213.
- Carter, G. R. 1958. Failure of the agglutination test to identify types of *Pasteurella multocida*. *Nature* 181(4616):1138.
- Carter, G. R. 1959. Studies on *Pasteurella multocida*. IV. Serological types from species other than cattle and swine. *Am. J. Vet. Res.* 20(74):173-175.
- Carter, G. R. 1962. Further observations on typing *Pasteurella multocida* by the indirect hemagglutination test. *Can. J. Comp. Med. Vet. Sci.* 26(10):238-240.
- Carter, G. R. 1963. Proposed modification of the serological classification of *Pasteurella multocida*. *Vet. Rec.* 75:1264. (Abstr.)
- Carter, G. R. 1967. Pasteurellosis: *Pasteurella multocida* and *Pasteurella hemolytica*. *Adv. Vet. Sci.* 11:321-379.
- Carter, G. R. 1972. Improved hemagglutination test for identifying type A strains of *Pasteurella multocida*. *Appl. Microbiol.* 24(1):162-163.
- Carter, G. R. 1972. Simplified identification of somatic varieties of *Pasteurella multocida* causing fowl cholera. *Avian Dis.* 16(5):1109-1114.
- Carter, G. R. 1976. A proposal for five biotypes of *Pasteurella multocida*. Pages 189-196 in *Proceedings of the 19th Annual Meeting of the American Association of Veterinary Laboratory Diagnosticians*, Miami Beach, Fla., Nov. 7-9, 1976.
- Carter, G. R., and R. V. S. Bain. 1960. Pasteurellosis (*Pasteurella multocida*). A review stressing recent developments. *Vet. Rev. Annot.* 6:105-128.
- Carter, G. R., and C. H. Bigland. 1953. Dissociation and virulence in strains of *Pasteurella multocida* isolated from a variety of lesions. *Can. J. Comp. Med.* 17(11):473-479.
- Carter, G. R., and J. L. Byrne. 1953. A serological study of hemorrhagic septicemia *Pasteurella*. *Cornell Vet.* 43:223-230.
- Carter, G. R., and C. Grinewitsch. 1962. The recovery of *Pasteurella multocida* from lyophilized cultures. *Vet. Rec.* 74(31):861. (Abstr.)
- Carter, G. R., and D. L. Rappay. 1963. A haemagglutination test employing specific lipopolysaccharide for the detection and measurement of *Pasteurella* antibodies to *Pasteurella multocida*. *Br. Vet. J.* 119(2):73-77.
- Carter, G. R., and P. Subronto. 1973. Identification of type D strains of *Pasteurella multocida* with acriflavin. *Am. J. Vet. Res.* 34(2):293-294.
- Chenchev, I., M. Mateev, N. Shishkov, I. Dumanov, and T. Tsonev. 1966. On the incidence of *Pasteurella* carriers in poultry flocks. *Veterinariya (Mosc.)* 8:42-45.
- Cheprov, L. P., and S. K. Bzhezhinskii. 1965. Influence of antibiotics on development of pasteurellosis immunity in chickens. *Veterinariya (Mosc.)* 6:28-31.
- Chute, H. L., D. C. O'Meara, and M. Gershman. 1962. Bacterins and drugs for the control of experimental fowl cholera. *Avian Dis.* 6:7-13.
- Clark, D. A., and J. F. Godfrey. 1960. Atypical *Pasteurella* infections in chickens. *Avian Dis.* 4:280-290.
- Coates, S. R., D. K. Buckner, and M. M. Jensen. 1977. The inhibitory effect of *Corynebacterium parvum*

- and *Pasteurella multocida* pretreatment on *Staphylococcal synovitis* in turkeys. Avian Dis. 21(2):319-322.
- Coates, S. R., M. M. Jensen, and E. D. Brown. 1977. The response of turkeys to varying doses of live oral *Pasteurella multocida* vaccine. Poult. Sci. 56(1):273-276.
- Collins, F. M. 1977. Mechanisms of acquired resistance to *Pasteurella multocida* infection: a review. Cornell Vet. 67(1):103-138.
- Cooper, J. E. 1969. Some diseases of birds of prey. Vet. Rec. 84(18):454-457.
- Cooper, V. 1948. Some veterinary problems of the Cape West area. J. S. Afr. Vet. Med. Assoc. 19(4):146-150.
- Corrado, A. 1970. On the susceptibility of Japanese quail (*Coturnix coturnix japonica*) to chicken pathogens. Nuova Vet. 46(1):49-52.
- Curtice, C. 1902. Goose septicemia. Univ. R. I. Agr. Exp. Sta. Bull. No. 86:191-203.
- Davis, R. B., J. Brown, D. L. Dawe, J. W. Foster, and K. K. Srivastava. 1970. Fowl cholera immunization in turkeys: III. Significance of market quality in the evaluation of fowl cholera vaccines. Appl. Microbiol. 19(5):844-847.
- Dawe, D. L., R. B. Davis, J. Brown, J. W. Foster, and K. K. Srivastava. 1970. Fowl cholera immunization in turkeys. II. Use of experimental epornitic method to study vaccine efficacy in flocks of turkeys. Appl. Microbiol. 19(5):842-843.
- Dean, W. F., J. I. Price, and L. Leibovitz. 1973. Effect of feed medicants on bacterial infections in ducklings. Poult. Sci. 52(2):549-558.
- Delaplane, J. P. 1945. Sulfaquinoxaline in preventing upper respiratory infection of chickens inoculated with infective field material containing *Pasteurella avicida*. Am. J. Vet. Res. 6:207-208.
- Delaplane, J. P. 1949. The role of the sulfonamides in the prevention and control of the respiratory diseases of chickens. J. Am. Vet. Med. Assoc. 115(868):40-42.
- Delaplane, J. P., and T. C. Higgins. 1948. Sulfaquinoxaline in the prevention and control of chronic fowl cholera. Cornell Vet. 38:267-272.
- Derieux, W. T. 1974. Serotype results of *Pasteurella multocida* isolated from poultry in South Carolina. Avian Dis. 18(2):265-266.
- Derieux, W. T. 1975. The Clemson University live cholera vaccine. Turkey World 50:12-13, 16-17.
- Derieux, W. T. 1976. Effect of furazolidone in feed on immune response of turkeys vaccinated with live *Pasteurella multocida* in drinking water. Avian Dis. 20(3):552-555.
- Derieux, W. T. 1977. Immune response of medicated turkeys vaccinated with live *Pasteurella multocida*. Am. J. Vet. Res. 38(4):487-489.
- Derieux, W. T. 1978. Response of young chickens and turkeys to virulent and avirulent *Pasteurella multocida* administered by various routes. Avian Dis. 22(1):131-139.
- Derylo, A. 1967. The role of Mallophaga as transmitters of fowl pasteurellosis. Wiad. Parazytol. 13(4/5):619-623.
- Derylo, A. 1969. Mallophaga as vectors for *Pasteurella multocida*. Ann. Univ. Mariae Curie-Sklodowska Sect. C. Biol. 24:355-366.
- Derylo, A. 1970. Mallophaga as a reservoir of *Pasteurella multocida*. Acta Parasitol. Pol. 17(35):301-313.
- Derylo, A. 1972. The economic and sanitary medical harmfulness of some bird lice (Mallophaga) parasitic in chickens (transmitting *Pasteurella multocida*). Med. Weter. 28(11):654-657.
- Devolt, H. M. 1948. Sulphathiazole as an aid to the control of fowl cholera in chickens and turkeys. Am. J. Vet. Res. 9(31):215-219.
- Devolt, H. M. 1949. Sulphathiazole as an aid to the control of fowl cholera in chickens and turkeys. Vet. Rec. 6(61):67. (Abstr.)
- Devolt, H. M., and C. R. Davis. 1932. A cholera-like disease in turkeys. Cornell Vet. 22:78-80.
- Devos, A., N. Viaene, M. Staelens, and L. Spanoghe. 1964. Fowl cholera: diagnosis and treatment. Vlaams Diergeneesk. Tijdschr. 33(9/10):309-322.
- Dimov, I. 1964. Survival of avian *Pasteurella multocida* in soils at different acidity, humidity and temperature. Nauchn. Tr. Vissh. vet.-med. Inst., Sofia 12:339-345.
- Dimov, I. 1965. Survival of avian *Pasteurella multocida* in soils at different acidity, humidity, and temperature. Vet. Bull. 35:349. (Abstr.)
- *Donahue, J. M. 1968. Fowl cholera in Missouri game birds. M.S. Thesis. Univ. of Missouri, Columbia.
- Donahue, J. M. 1971. Studies of *Pasteurella multocida* in turkeys. Diss. Abstr., B. Sci. Eng. 32(3):1722-1723.
- Donahue, J. M., and L. D. Olson. 1969. Survey of wild ducks and geese for *Pasteurella* species. Bull. Wildl. Dis. Assoc. 5:201-205.
- Donahue, J. M., and L. D. Olson. 1971. Biochemic, serologic, and immunologic properties of isolates of *Pasteurella multocida* obtained from turkeys. Avian Dis. 15(4):901-909.
- Donahue, J. M., and L. D. Olson. 1971. Comparison of isolates of *Pasteurella multocida* obtained in different years from the same farm. J. Am. Vet. Med. Assoc. 158(11):1904. (Abstr.)
- Donahue, J. M., and L. D. Olson. 1971. Research technique: inoculation of *Pasteurella multocida* into the palatine air spaces as an exposure method for fowl cholera in turkeys. Avian Dis. 15(1):158-162.
- Donahue, J. M., and L. D. Olson. 1972. Biochemic study of *Pasteurella multocida* from turkeys. Avian Dis. 16(3):501-505.

- Donahue, J. M., and L. D. Olson. 1972. Characteristics of isolates of *Pasteurella multocida* obtained on consecutive or different years from the same turkey farms. Avian Dis. 16(3):529-534.
- Donahue, J. M., and L. D. Olson. 1972. The in vitro sensitivity of *Pasteurella multocida* of turkey origin to various chemotherapeutic agents. Avian Dis. 16(3):506-511.
- Dorsey, T. A. 1963. Studies on fowl cholera. I. A biochemic study of avian *Pasteurella multocida* strains. Avian Dis. 7(4):386-392.
- Dorsey, T. A. 1963. Studies on fowl cholera. II. Correlation between biochemic classification and the serologic and immunologic nature of *Pasteurella multocida* strains. Avian Dis. 7(4):393-402.
- Dorsey, T. A., and G. A. Harshfield. 1959. Studies on control of fowl cholera. S. D. Agric. Exp. Stn. Bull. 23.
- Doubly, J. A., and C. I. Nelson. 1951. Some types of differential fermentation reactions of *Pasteurella multocida*. Proc. No. Dak. Acad. Sci. 5:30-32.
- *Dougherty, E. 1953. Disease problems confronting the duck industry. Pages 359-365 in Proceedings of the American Veterinary Medical Association, 90th Annual Meeting.
- Dougherty, E. 1953. The efficacy of several immunizing agents for the control of fowl cholera in the White Pekin duck. Cornell Vet. 43:421-427.
- Dua, S. K., and S. K. Maheswaran. 1978. Studies on *Pasteurella multocida*. VI. Nature of systemic immunity and analysis of the correlation between levels of immunity induced by various fowl cholera vaccines and protection against challenge. Avian Dis. 22(4):748-764.
- Dua, S. K., and S. K. Maheswaran. 1978. Studies on *Pasteurella multocida*. VII. Dynamics and temporal development of local humoral immunity induced by a live avirulent fowl cholera vaccine. Avian Dis. 22(4):771-777.
- Dyakov, L. 1964. Pathomorphology of peracute and acute fowl cholera. Monatsh. Veterinaarmed. 19(21):814-818.
- Dyakov, L. 1965. Pathomorphological examination of hens suffering from acute and chronic cholera, as well as poultry recovered from the disease, and of persistent carriers. Monatsh. Veterinaarmed. 21(10):382-388.
- Eleazer, T. H. 1969. Cholera is main topic. Turkey World, Jan. 1969:20.
- English, A. R., J. A. Retsema, V. A. Ray, and J. E. Lynch. 1972. Carbenicillin indanyl sodium, an orally active derivative of carbenicillin. Antimicrob. Agents Chemother. 1(3):185-191.
- Eremeev, G. S., and G. V. Shukov. 1966. On poultry pasteurellosis. Veterinariya (Mosc.) 8:46-47.
- Eveleth, D. F., A. I. Goldsby, and C. I. Nelson. 1949. Fowl cholera (*Pasteurella multocida*). Vet. Med. 64(2):73-78.
- Ezhov, V. I. 1968. Properties of *Pasteurella* organisms isolated from birds fed antibiotics for a long period. Veterinariya 12:65-66.
- *Ezhov, V. I. 1972. Effectiveness of administering certain antibiotics in cases of fowl cholera in chickens and turkeys. Moscow Vses. Inst. Eksp. Vet. Tr. 40:335-347.
- *Ezhov, V. T. 1966. Comparative facts about effectiveness of prophylactic and antibiotic therapy by different antibiotics for pasteurellosis of ducks. Moscow Vses. Inst. Eksp. Vet. Tr. 32:108-117.
- Ezhov, V. T. 1966. Influence of some antibiotics for training of postinfection immunity in pasteurellosis of ducks. Moscow Vses. Inst. Eksp. Vet. Tr. 32:118-122.
- *Ezhov, V. T. 1966. Sensibility of causative agent of pasteurellosis for poultry to different antibiotics. Moscow Vses. Inst. Eksp. Vet. Tr. 32:103-107.
- Faddoul, G. P., G. W. Fellows, and J. Baird. 1967. Pasteurellosis in wild birds in Massachusetts. Avian Dis. 11(3):413-418.
- Fadin, V. 1966. Aerosol method in treatment of fowl cholera with oxytetracycline. Sel'sk. Proizvod. Sibiri Dalnego Vostoka 1:38.
- Fenstermacher, R., and B. S. Pomeroy. 1941. Encephalitis-like symptoms in turkeys associated with a *Pasteurella* sp. Cornell Vet. 31:295-301.
- Fiennes, R. N. T-W. 1961. Report of the pathologist for the year 1960. Proc. Zool. Soc. Lond. 140:25-26.
- Frankowski, M. 1967. Epizootiologic problems of pasteurellosis in the Province of Warsaw from 1957-1961. Pol. Arch. Weter. 10(3):493-506.
- Frost, B. M., M. E. Valiant, L. Benson, and E. L. Dulaney. 1974. Activity of fosfomycin against *Pasteurella*. Avian Dis. 18(4):578-589.
- Frost, B. M., M. E. Valiant, and E. L. Dulaney. 1976. In vitro and in vivo activity of 3-(1-methyl-1-5-nitro-2-imidazolylmethylideneamino)-2-oxazolidinone against *Pasteurella*. Chemotherapy 22(5):324-330.
- Gadbury, J. L., and N. G. Miller. 1977. Use of bacteriophages as an adjunct in the identification of *Pasteurella multocida*. Am. J. Vet. Res. 38(1):129-130.
- Galabov, S., I. Kujumgiev, P. Nikolov, N. Spassova, T. Sumerska, M. Kashukeeva. 1966. Studies on the bacteria of the genus *Pasteurella* in view of their variability. IV. Influence of ultrasound waves on *Pasteurella avicida* (includes toxicity studies with mice and poultry). Bulgarska Akad. Nauk. Mikrobiol. Inst. Izv. 18:85-98.
- Gallagher, B. 1917. Fowl cholera and other hemorrhagic septicemia immunization experiments. J. Am. Vet. Med. Assoc. 50(6):708-728.

- Ganfield, D. J. 1972. Characterization of an immunizing antigen with endotoxin-like properties isolated from *Pasteurella multocida*. Diss. Abstr., B. Sci. Eng. 32(4):1991.
- Ganfield, D. J., P. A. Rebers, and K. L. Heddlestone. 1976. Immunogenic and toxic properties of a purified lipopolysaccharide-protein complex from *Pasteurella multocida*. Infect. Immun. 14(4):990-999.
- Garg, R. C., and O. P. Gautam. 1972. Evaluation of terephthalic acid for chlortetracycline potentiation against experimental fowl cholera. Indian J. Poult. Sci. 7(4):14-19.
- Gaunt, R., R. Moffat, and T. K. S. Mukkur. 1977. Fowl cholera: immunization of chickens with potassium thiocyanate (KSCN) extract of *Pasteurella multocida* sero-type 3. Avian Dis. 21(4):543-548.
- Gershman, M., J. F. Witter, H. E. Spencer, and A. Kalvaitis. 1964. Epizootic of fowl cholera in the common eider duck. J. Wildl. Manage. 28(3):587-589.
- Gilchrist, P. 1963. A survey of avian respiratory disease. Aust. Vet. J. 39:140-144.
- Gogoasa, V., L. Taga, P. Mitroiu, S. Danciu, V. Miniciuna. 1961. The concentration of vitamin A in the livers of hens from enzootic areas of avian cholera. Lucr. Stiint. Inst. Patol. Ig. Anim. II:233-241.
- Golota, Ya. A., G. P. Borodai, and S. K. Bzhezinsky. 1965. The role of antibiotics, oxytetracycline and chlortetracycline, in immunogenesis of hens with pasteurellosis. Antibiotiki (Mosc.) 10(4):341-344.
- Green, R. G., and J. E. Shillinger. 1936. Progress report of wildlife disease studies for 1935. Proc. N. Am. Wildl. Conf. 1:469-471.
- Gregg, D. A., L. D. Olson, and E. L. McCune. 1974. Experimental transmission of *Pasteurella multocida* from raccoons to turkeys via bite wounds. Avian Dis. 18(4):559-564.
- Gritman, R. B., and W. I. Jensen. 1965. Avian cholera in a trumpeter swan (*Olor buccinator*). Wildl. Dis. Assoc. Bull. 1(4):54-55.
- Grumbles, L. C. 1965. Progress in poultry disease research. Pages 29-32 in Proceedings of the Pfizer Co. 13th Annual Research Conference.
- Grumbles, L. C. 1969. Assault continues against bluecomb, cholera, and mycoplasma. Turkey World, Jan. 1969:18.
- Gualandi, G. 1953. La terramicina nella lotta contro il colera aviare. (Control of fowl cholera by addition of terramycin to the food.) Arch. Vet. Ital. 4:539-543. Abstract also published in Vet. Bull. 25(7):331.
- Guerez, J. G. 1947. Epidemie de cholera chez les Canards marins. Encycl. Vet. 4:350.
- Guillion, G. W. 1952. Some diseases and parasites of American coots. Calif. Fish and Game 38(1):421-423.
- Gulubov, S., I. Kuyumdzhiev, P. Nikolov, N. Spasova, T. Sumerska, and M. Kashukeeva. 1966. Studies of the bacteria of the genus *Pasteurella* in view of their variability. IV. Influence of ultrasound waves on *Pasteurella avicida*. Bulgarska Akad. Nauk. Mikrobiol. Inst. Izv. 19:85-98.
- Gurleva, G. G., I. V. Demaradskii, E. E. Khalyapina, I. M. Alutin, V. N. Taranova, N. P. Pushnitsa, E. G. Kol'tsova, V. I. Marchenkov, N. M. Shcheglakova, and E. G. Grigor'yan. 1971. Biological characteristics of *Pasteurella* isolated from various species of animals. Zh. Mikrobiol. Epidemiol. Immunobiol. 48(11):54-58.
- Gurumurthy, V. 1962. Some observations on fowl cholera in Andhra Pradesh. Indian Vet. J. 39(8):438-442.
- Hadley, P. B. 1910. Fowl cholera and methods of combating it. R. I. Stn. Bull. 144:309-337.
- Hadley, P. B. 1911. Studies on fowl cholera. I. A biological study of ten strains of the fowl cholera organism. Zentralbl. Bakteriell. Parasitenkd. Infektionskr. Hyg. Abt. I Orig. 61:323-335.
- Hadley, P. B. 1911. The use of carbolic acid in fowl cholera. Zentralbl. f. Bakt. Orig. 57:457-462.
- Hadley, P. B. 1912. Studies on fowl cholera. II. The role of an homologous culture of slight virulence in the production of active immunity in rabbits. R. I. Stn. Bull. 150:81-161.
- Hadley, P. B. 1914. Studies on fowl cholera. III. The inheritance in rabbits of immunity to the bacterium of fowl cholera. R. I. Stn. Bull. 157:285-307.
- Hadley, P. B. 1914. Studies on fowl cholera. IV. The reciprocal relations of virulent and avirulent cultures in active immunization. R. I. Stn. Bull. 159:383-403.
- Hadley, P. B. 1919. Studies on fowl cholera. VI. Immunization against *Bacillus avisepticus* by means of inoculations with killed cultures of virulent and avirulent strains. R. I. Stn. Bull. 179. 16 pp.
- Hadley, P. B., and E. E. Amison. 1911. A biological study of eleven pathogenic organisms from cholera-like diseases of poultry. R. I. Stn. Bull. 146:43-102.
- Hall, C. F. 1971. Fowl cholera. Tex. Nutr. Conf. Proc. 26:168-175.
- Hall, W. J., K. L. Heddlestone, D. H. Legenhausen, and R. W. Hughes. 1955. *Pasteurella* in chronic fowl cholera. J. Am. Vet. Med. Assoc. 127(944):461.
- Hall, W. J., K. L. Heddlestone, D. H. Legenhausen, and R. W. Hughes. 1955. Studies on pasteurellosis: I. A new species of *Pasteurella* encountered in chronic fowl cholera. Am. J. Vet. Res. 16(4):598-604.
- Hamdy, A. H., and C. J. Blanchard. 1970. Effect of novobiocin on fowl cholera in turkeys. Avian Dis. 14(4):770-778. Abstract also published in J. Am. Vet. Med. Assoc. 156(9):1275.
- Hansen, F. W. 1940. Peafowl. Vet. Med. 35(3):194-195.

- Hart, L. 1963. Treatment of duck cholera with erythromycin. *Aust. Vet. J.* 39:92-93.
- Hazelwood, R. M., A. F. Oddo, R. D. Pagan, and R. G. Botzler. 1978. The 1975-76 avian cholera outbreaks in Humboldt County, California. *J. Wildl. Dis.* 14(2):229-232.
- Heddlestone, K. L. 1962. Studies on pasteurellosis. V. Two immunogenic types of *Pasteurella multocida* associated with fowl cholera. *Avian Dis.* 6(3):315-321.
- Heddlestone, K. L. 1966. Immunologic and serologic comparison of three strains of *Pasteurella multocida*. *Cornell Vet.* 56(2):235-241.
- *Heddlestone, K. L. 1971. Gel diffusion precipitin test for grouping *Pasteurella multocida* associated with fowl cholera. *Proc. of West. Poult. Dis. Conf. (Univ. of Calif., Davis)* 21:33-36.
- Heddlestone, K. L. 1976. Physiologic characteristics of 1,268 cultures of *Pasteurella multocida*. *Am. J. Vet. Res.* 37(6):745-747.
- Heddlestone, K. L., J. E. Gallagher, and P. A. Rebers. 1970. Fowl cholera: immune response in turkeys. *Avian Dis.* 14(4):626-635.
- Heddlestone, K. L., J. E. Gallagher, and P. A. Rebers. 1972. Fowl cholera: gel diffusion precipitin test for serotyping *Pasteurella multocida* from avian species. *Avian Dis.* 16(4):925-936.
- Heddlestone, K. L., I. Goodson, L. Leibovitz, and C. I. Angstrom. 1972. Serological and biochemical characteristics of *Pasteurella multocida* from free-flying birds and poultry. *Avian Dis.* 16(4):729-734.
- Heddlestone, K. L., and W. J. Hall. 1958. Studies on pasteurellosis. II. Comparative efficiency of killed vaccines against fowl cholera in chickens. *Avian Dis.* 2(3):322-335. Abstract also published in *J. Am. Vet. Med. Assoc.* 133(12):593.
- Heddlestone, K. L., and P. A. Rebers. 1968. Fowl cholera: active immunity induced in chickens and turkeys by oral administration of killed *Pasteurella multocida*. *Avian Dis.* 12:129-134.
- Heddlestone, K. L., and P. A. Rebers. 1968. Fowl cholera: active immunity induced by oral administration of killed *Pasteurella multocida*. *Bacteriol. Proc.* 1967:99.
- Heddlestone, K. L., and P. A. Rebers. 1969. *Pasteurella multocida*: immune response in chicks and mice. *Proc. Annu. Meet. U.S. Anim. Health Assoc.* 73:280-284.
- Heddlestone, K. L., and P. A. Rebers. 1972. Fowl cholera: cross-immunity induced in turkeys with formalin-killed in-vivo-propagated *Pasteurella multocida*. *Avian Dis.* 16(3):578-586.
- Heddlestone, K. L., and P. A. Rebers. 1974. Fowl cholera bacterins: host-specific cross-immunity induced in turkeys with *Pasteurella multocida* propagated in embryonating turkey eggs. *Avian Dis.* 18(2):213-219.
- Heddlestone, K. L., and P. A. Rebers. 1975. Properties of free endotoxin from *Pasteurella multocida*. *Am. J. Vet. Res.* 36(4):573-574.
- Heddlestone, K. L., P. A. Rebers, and A. E. Ritchie. 1966. Immunizing and toxic properties of particulate antigens from two immunogenic types of *Pasteurella multocida* of avian origin. *J. Immunol.* 96(1):124-133.
- Heddlestone, K. L., P. A. Rebers, and G. Wessman. 1975. Fowl cholera: immunologic and serologic response in turkeys to live *Pasteurella multocida* vaccine administered in the drinking water. *Poult. Sci.* 54(1):217-221.
- Heddlestone, K. L., and R. C. Reisinger. 1959. Studies on pasteurellosis. III. Control of experimental fowl cholera in chickens and turkeys with an emulsified vaccine. *Avian Dis.* 3:397-404.
- Heddlestone, K. L., and R. C. Reisinger. 1960. Studies on pasteurellosis. IV. Killed fowl cholera vaccine adsorbed on aluminum hydroxide. *Avian Dis.* 4:429-435.
- Heddlestone, K. L., K. R. Rhoades, and P. A. Rebers. 1967. Experimental pasteurellosis: comparative studies on *Pasteurella multocida* from Asia, Africa, and North America. *Am. J. Vet. Res.* 28(125):1003-1012.
- Heddlestone, K. L., and L. P. Watko. 1963. Fowl cholera: susceptibility of various animals and their potential as disseminators of disease. Pages 247-251 in *Proceedings of the U.S. Livestock Association, 67th Annual Meeting*.
- Heddlestone, K. L., and L. W. Watko. 1965. Fowl cholera: comparison of serologic and immunogenic responses of chickens and turkeys. *Avian Dis.* 9(3):367-376.
- Heddlestone, K. L., L. P. Watko, and P. A. Rebers. 1964. Dissociation of fowl cholera strain of *Pasteurella multocida*. *Avian Dis.* 8(4):649-657. Abstract also published in *Poult. Sci.* 43(5):1327.
- Heffernam, B. E. 1968. Disease experts tell how to fight cholera onslaught. *Turkey World*, May 1968:16-18.
- Heller, O. 1957. Geese as carriers of fowl cholera. *Montash. f. vet.-med.* May 1, 1957:218. Abstract also published in *J. Am. Vet. Med. Assoc.* 132(6):250.
- Hendrickson, J. M., and K. F. Hilbert. 1932. The persistence of *P. avicida* in the blood and organs of fowls with spontaneous fowl cholera. *J. Infect. Dis.* 50:89-97.
- Henning, M. W., and J. D. W. A. Coles. 1933. On fowl cholera in South Africa. *J. S. Afr. Vet. Med. Assoc.* 19(4):166.
- Higgins, C. H. 1898. Notes upon an epidemic of fowl cholera and upon the comparative production of acid by allied bacteria. *J. Exp. Med.* vol. III:651-668.

- Higgins, D. A. 1969. Some studies of fowl cholera in Hong Kong. *Br. Vet. J.* 125(12):622-634.
- Hill, W. C. O. 1953. Report of the Society's Prosector for the year 1953. *Proc. Zool. Soc. Lond.* 123:227-251.
- Hill, W. C. O. 1957. Report of the Society's Prosector for the years 1955 and 1956. *Proc. Zool. Soc. Lond.* 129:431-446.
- Hinshaw, W. R., and J. E. Emlen. 1943. Pasteurellosis in California Valley quail. *Cornell Vet.* 33(4):351-354.
- Hirota, Y., and Y. Bito. 1975. Diverse effects of bursectomy on humoral immune responses in the chicken. *Poult. Sci.* 54(5):1524-1538.
- Hirsh, Dwight C., Susan J. Knox, Gaylord M. Conzelman, Jr., and Nina Wiger. 1978. Pharmacokinetics of penicillin G in the turkey. *Am. J. Vet. Res.* 39(7):1219-1222.
- Hjarre, A., and V. Sahlestedt. 1943. Om pasteurellos hos vilda djur i fangenskap (pasteurellosis in wild animals in captivity). *Sven. Vet. Tidskr.* 48:325.
- Hoffenreich, F. 1928. Kapselsubstanz aus *Bacillus avi-septicus*. *Centralbl. f. Bakt. Abt. Originale* 108:87-89.
- Hoffman, H. A., and D. E. Stover. 1942. Analysis of thirty thousand autopsies on chickens. *Calif. Dep. Agric. Bull.* 31:7-13.
- Holubnychiy, V. P. 1974. Simultaneous immunization of poultry against Newcastle disease and fowl cholera. *Veterinariia (Kiev)* 39:93-94.
- Horvath, Z., M. Padanyi, and Z. Palatka. 1962. Experiments for treating fowl cholera using chlorocid ad us. *vet. Magy. Allatorv. Lapja.* 17:332-336.
- Horvath, Z., M. Padanyi, and Z. Palatka. 1963. Chloramphenicol in the treatment of fowl cholera. *Vet. Bull.* 33(6):290. (Abstr.)
- Hots, V. P. 1974. Comparative characteristics of some biological properties of *Pasteurellae* from rabbits, pigs, and chickens. *Mikrobiol. Zh. (Kiev)* 36(5):607-611.
- Hudson, C. B. 1944. Fowl cholera in ring-necked pheasants. *J. Am. Vet. Med. Assoc.* 109:211-212.
- Hughes, T. P. 1930. The epidemiology of fowl cholera. II. Biological properties of *P. avicida*. *J. Exp. Med.* 51:225-238.
- Hughes, T. P., and I. W. Pritchett. 1930. The epidemiology of fowl cholera. III. Portal of entry of *P. avicida*: reaction of the host. *J. Exp. Med.* 51:239-248.
- Hungerford, T. G. 1968. A clinical note on avian cholera. The effect of age on susceptibility of fowls. *Aust. Vet. J.* 44(1):31-32.
- Hunter, B. F. 1967. Isolation of *Pasteurella multocida* from a snowy owl (*Nyctea scandiaca*), a new host. *record. Calif. Fish Game* 53(3):213-214.
- Hunter, B. F. 1977. Controlling waterfowl disease. *Outdoor Calif.* 38(5):21-24.
- Hurk, C. F., and G. W. Van Der. 1946. Aanteekeningen by de epizootie van vogel cholera over Nederland in het najaar van 1945. *Tijdschr. Diergeneesk.* 71:361-365.
- Iliev, T., R. Arsov, I. Dimov, G. Girginov, and E. Iovchev. 1963. Swine, cattle, and sheep infection for fowl. *Nauchn. Tr. Vissh. Vet. Med. Inst. (Sofia)* 11:281-288. Abstract also published in *Vet. Bull.* 34(3):129.
- Iliev, T., R. Arsov, G. Girginov, and E. Iovchev. 1963. The carrier state in fowl cholera. *Nauchn. Tr. Vissh. Vet. Med. Inst. (Sofia)* 11:271-279. Abstract also published in *Vet. Bull.* 34(3):129.
- Iliev, T., R. Arsov, E. Iovchev, and G. Girginov. 1963. Role of swine in the epidemiology of fowl cholera. *Nauchn. Tr. Vissh. Vet. Med. Inst. (Sofia)* 11:289-293. Abstract also published in *Vet. Bull.* 34(3):129.
- Iliev, T., R. Arsov, E. Iovchev, G. Girginov, and I. Dimov. 1965. The carrier state in fowls infected with non-pathogenic *Pasteurella* strains. *Nauchn. Tr. Vissh. Vet. Med. Inst.* 14:19-22. Abstract also published in *Vet. Bull.* 36:710.
- Iliev, T., R. Arsov, and V. Lazarov. 1965. Can fowls, carriers of *Pasteurella*, excrete the organism in faeces? *Nauchn. Tr. Vissh. Vet. Med. Inst.* 14:7-12. Abstract also published in *Vet. Bull.* 36:710.
- Iliev, T., G. Girginov, R. Arsov, and E. Iovchev. 1963. Role of rodents in the epidemiology of fowl cholera. *Nauchn. Tr. Vissh. Vet. Med. Inst. (Sofia)* 11:295-300. Abstract also published in *Vet. Bull.* 34(3):129.
- Iliev, T., G. Girginov, E. Iovchev, and R. Arsov. 1963. Age susceptibility in fowl cholera. *Nauchn. Trud. Vissh. Vet. Med. Inst. (Sofia)* 11:301-304. Abstract also published in *Vet. Bull.* 34(3):129.
- Iordache, A. 1965. Investigation concerning the sensitivity to colicines of some *Pasteurella* strains isolated from foci of avian pasteurellosis. *Lucr. Inst. Cercet. Vet. Bioprep. Pasteur* 4(1/2):141-148.
- Iordache, A. 1966. Studies on the sensitivity of certain strains of *Pasteurella multocida* var. *avium* to various colicin types. *Lucr. Inst. Cercet. Vet. Bioprep. Pasteur* 5:321-326.
- Iovchev, E. 1967. The role of *Argas persicus* in the epidemiology of fowl cholera. *Angew. Parasitol.* 8:114-117. Abstract also published in *Vet. Bull.* 38:71.
- Ivanov, B. S. 1964. Fowl cholera—control. *Veterinariya* 7:47.
- Ivanov, V. 1969. Correlation between the bio-electric phenomena and the process of oxidative phosphorylation in birds' myocardium. *C. R. Acad. Sci. Agric. Bulg.* 2(3):285-289.
- Ivanov, V. 1971. A scheme of the pathogenic mechanism of avian pasteurellosis. *Rev. Med. Vet. (Toulouse)* 122:45-52.
- Jaksic, B. L., M. Dordevic, and B. Markovic. 1964. On the cholera of wild birds. *Vet. Glasn.* 18(7):725-730.

- Abstract also published in Vet. Bull. 35:544.
- Januschke, E. 1915. Geflugelcholera beim Sperber (*Accipiter nisus*). Wien. Tieraerztl. Monatsschr. 272-273.
- Jennings, A. R. 1954. Diseases in wild birds. J. Comp. Pathol. Ther. 64:356-359.
- Jennings, A. R. 1955. Diseases in wild birds. Bird Study 2(2):69-72.
- Jennings, A. R. 1960. The major causes of death of wild birds in Great Britain. Proc. Int. Ornithol. Congr. 12:353-357.
- Jennings, A. R., and E. J. L. Soulsby. 1956. Diseases in wild birds, third report. Bird Study 3(4):270-272.
- *Joest, E. 1915. Geflugelcholera beim Uhu (*Bubo maximum* Sibb). Beitr. Tierheilk. 1915:11.
- Jones, J. E., W. T. Derieux, J. W. Dick, and B. L. Hughes. 1977. The effect of vaccinating turkeys with the Clemson University strain of *Pasteurella multocida* on subsequent reproductive performance and longevity of immunity. Poult. Sci. 56(6):2013-2015.
- Juszkiewicz, T. 1965. Report on stress, high environmental temperatures or drugs in animal pathology. (Includes experiments with chickens infected with *Pasteurella multocida* or Newcastle disease virus.) Rev. Vet. Venez. 19(110):139-160.
- *Juszkiewicz, T. 1966. Effects of shaking and premedication with methylprednisolone on some biochemical indices associated with *Pasteurella multocida* infection of cockerels. Pol. Arch. Weter. 10(2):129-140.
- *Juszkiewicz, T. 1966. Hyperthermia and prednisolone acetate as provocative factors of *Pasteurella multocida* infection in chickens. Pol. Arch. Weter. 10(2):141-151.
- *Juszkiewicz, T. 1967. Experimental *Pasteurella multocida* infection in chickens exposed to cold: biochemical and bacteriological investigations. Pol. Arch. Weter. 10(4):615-625.
- Kaschula, V. R., and D. E. Truter. 1951. Fowl cholera in sea gulls on Dassen Island. J. S. Afr. Vet. Med. Assoc. 22(4):191-192.
- Kasian, G. G., and K. P. Chepurov. 1965. The study of methods of obtaining pasteurellosis vaccines. Veterinariya (Mosc.) 1:25-27.
- Kaupp, B. F. 1913. Blood diseases of birds. Am. J. Vet. Med. 8:587-590, 623.
- Keahey, E. E. 1971. A look at fowl cholera. Southwest Vet. 24(3):211.
- Kemenes, F., I. Szecsenyi, and I. Dozsa. 1965. Experimental testing of the susceptibility of the pheasant for *Pasteurella tularensis* and *P. multoaviseptica*. Magy. Allatorv. Lapja 20(6):270-272.
- *Kemeny, A. 1975. Methods and results of fowl cholera control. Baromfitenyesztes. 19(6):6-7.
- Keymer, I. F. 1958. A survey and review of the causes of mortality in British birds and the significance of wild birds as disseminators of disease. Vet. Rec. 70:713-720.
- Keymer, I. F. 1958. A survey and review of the causes of mortality in British birds and the significance of wild birds as disseminators of disease—Part II. Vet. Rec. 70:736-739.
- Khalyapina, E. E., S. A. Lebedeva, G. G. Gurleva, I. V. Domaradskii, and E. G. Grigoryan. 1972. Antibiotic sensitivity and transference of R-factor to *Pasteurella multocida*. Antibiotiki 17(4):336-339.
- Kirchner, C., and A. Eisenstark. 1956. Lysogeny in *Pasteurella multocida*. Am. J. Vet. Res. 17(64):547-548.
- Kiser, J. S., J. Prier, C. A. Bottoroff, and L. M. Greene. 1948. Treatment of experimental and naturally occurring fowl cholera with sulfamethazine. Poult. Sci. 27(3):257-262.
- Klukas, R. W., and L. N. Locke. 1970. An outbreak of fowl cholera in Everglades National Park. J. Wildl. Dis. 6(1):77-79.
- Knezevic, N. 1971. Pathomorphological picture and differential diagnosis of the atypical fowl cholera. Peradarstvo 6(5):3-5.
- Kobakhidze, T. L. 1965. Study of measures for controlling avian pasteurellosis in the Georgian SSR. Soobshch. Akad. Nauk. Gruz. SSR 39(1):173-177.
- Kocjan, L. 1935. Bolezni golobov v. severnih krajih jugoslavije s posebnim ozirom na enzootska paratifozna obolenja (fowl cholera). Jugosl. vet. Glasn. 15:67-77.
- Kodrnja, E., B. Tunkl, and Z. Romic. 1965. Simultaneous immunization of poultry with Newcastle and fowl cholera vaccines. Vetserum 13(7/8):275-278.
- Korschgen, C. E., H. C. Gibbs, and H. L. Mendall. 1978. Avian cholera in eider ducks in Maine. J. Wildl. Dis. 14(2):254-258.
- Koturanov, P. N. 1966. Influence of feed terramycin and strain-2377 on immunity in chickens with pseudo-pest and pasteurellosis disease. Veterinariya (Mosc.) 12:18-20.
- Kouwenhoven, G., E. Goren, and F. G. Davelaar. 1976. A case of fowl cholera (*Pasteurella multocida*) in six-week-old broilers. Tijdschr. Diergeneesk. 101(15):855-858.
- Kozhevnikov, E. M., and P. M. Dmitrieva. 1966. Continuation of conservation for pasteurellosis causative agent in frozen meat of poultry. Mosc. Vses. Inst. Eksp. Vet. Tr. 32:131-132.
- Krecov, M. I. 1976. Examination of the role of the route of infection and nonspecific factors in the appearance of fowl cholera. Acta Vet. (Belgr.) 26(1):33-46.
- Kyaw, M. H. 1944. Pathogenesis of *Pasteurella septica* infection in developing chick embryo. J. Comp. Pathol. 54:200-206.

- Langpap, T. J., and P. H. Matischeck. 1970. Observations on the prevalence of avian *Pasteurella multocida* serotypes. *Avian Dis.* 14(3):491-493.
- Lebedeva, A. I., A. N. Borisenkova, and R. A. Mukhamedshin. 1973. Mixed course of fowl cholera and colibacillosis in poultry. *Veterinariia (Mosk.)* 12:58-60.
- Li, Y. C., F. F. Hsieh, and W. M. Hung. 1974. The prophylactic and therapeutic effects of diameton on fowl cholera in ducks. *Taiwan J. Vet. Med. Anim. Husb.* 25:47-54.
- Linkov, S. 1967. Using live virus vaccines against fowl cholera. *Ptitsevodstvo* 1:28-29.
- Little, P. A. 1948. Use of aureomycin in some experimental infections in animals. *Ann. N. Y. Acad. Sci.* 51:246-253.
- Locke, L. N., and R. C. Banks. 1973. Avian cholera in cedar waxwings in Ohio. *J. Wildl. Dis.* 8(1):106.
- Locke, L. N., J. A. Newman, and B. M. Mulhern. 1972. Avian cholera in a bald eagle from Ohio. *Ohio J. Sci.* 72(5):294-296.
- Locke, L. N., V. Stotts, and G. Wolfhord. 1970. An outbreak of fowl cholera in waterfowl on the Chesapeake Bay. *J. Wildl. Dis.* 6(4):404-407.
- London, S. A., and K. E. Yaw. 1957. Antigenic analysis of dissociants and serological types of *Pasteurella multocida*. *Can. J. Microbiol.* 3(7):1021-1029.
- Macheak, M. E. 1970. What turkey producers can expect from fowl cholera vaccine. *Turkey World* 45(8):10, 22.
- Mack, W. B., and E. Records. 1916. The use of bacterins in the control of fowl cholera. *Nev. Stn. Bull.* 85. 29 pp.
- Maglione, E. 1963. Behavior of the actual reaction in the muscles and viscera of sound fowls and of fowls experimentally infected by *Pasteurella multocida*. *Ann. Fac. Med. Vet. Torino* 13:47-56.
- Maglione, E., and C. Bieler. 1963. Observations on postmortem modifications of the actual reaction muscles and viscera in fowls died of chicken cholera. *Ann. Fac. Med. Vet. Torino* 13:251-271.
- Mahreswaran, S. K., G. H. Johnson, and B. S. Pomeroy. 1973. Studies on *Pasteurella multocida*. II. The capsular polysaccharides from turkey isolates. *Avian Dis.* 17(4):705-716.
- Mahreswaran, S. K., J. R. McDowell, and B. S. Pomeroy. 1973. Studies on *Pasteurella multocida*. I. Efficacy of an avirulent mutant as a live vaccine in turkeys. *Avian Dis.* 17(2):396-405.
- Mahreswaran, S. K., E. S. Theis, and S. K. Dua. 1976. Studies on *Pasteurella multocida*. III. In vitro assay for cell-mediated immunity. *Avian Dis.* 20(2):332-341.
- Malik, Z. 1968. Classification of strains of *Pasteurella multocida* isolated from poultry. *Vet. Med. (Praha)* 13(8/9):481-488.
- Mall, M. P., and P. R. Nilakantan. 1971. Evaluation of different vaccines in the control of avian pasteurellosis (fowl cholera). *Indian Vet. J.* 48(4):331-335.
- Manninger, R. 1919. Concerning a mutation of the fowl cholera bacillus. *Zentralbl. Bakteriол. Parasitenkd. Infektionskr. Hyg. Abt. I. Orig.* 83:520-528.
- Masyukov, A. V. 1963. Contra-indications to the application of the Krasnodar Scientific Research Veterinary Station vaccine against avian pasteurellosis. *Veterinariya* 40(10):36.
- Mateev, M. 1973. The agglutination reaction in chickens immune or susceptible to *P. multocida*. *Vet. Med. (Sofia)* 10:16-17.
- Mateev, M., and Kh. Goranov. 1972. Active immune prophylaxis of fowl cholera. III. Resistance and blood picture in vaccinated chickens. *Vet. Med. Nauki* 9(3):37-43.
- Mateev, M., N. Nikolov, A. Touzouzova, and T. Peyuvska. 1972. Active immunoprophylaxis of fowl cholera. II. Comparative studies on postvaccinal immunity. *Vet. Med. Nauki* 9(4):73-79.
- Matsumoto, M., and D. H. Helfer. 1977. A bacterin against fowl cholera in turkeys: protective quality of various preparations originated from broth cultures. *Avian Dis.* 21(3):382-393.
- Maung, S. B. E., and Y. M. Eissa. 1969. The biological properties of avian *Pasteurella*, its prophylaxis and therapeutic control. *Union Burma J. Life Sci.* 2(1):17-21.
- McCune, E. L. 1965. Cholera might strike your flock next. *Poult. Meat*, Sept. 1965:T28-T31.
- McNeil, E., and W. R. Hinshaw. 1948. The effect of streptomycin on *Pasteurella multocida* in vitro, and on fowl cholera in turkeys. *Cornell Vet.* 38:239-246.
- Michalek, K. 1965. New problems in prevention and control of fowl cholera in geese in the hatching-station. *Veterinarstvi* 15(9):400-401.
- Mihaescu, O., G. H. Mirescu, and C. Popescu. 1968. Epizootiological observations on weather and local factors on the incidence of outbreaks of avian pasteurellosis. *Rev. Zootuh. Med. Vet.* 18(4):39-46.
- Miniciuna, V., P. Mitroiu, S. Danciu, D. Marica, I. May, and V. Gogoasa. 1961. Study of the complex of factors influencing the appearance and persistence of foci of avian cholera. *Lucr. Stiint. Inst. Patol. Ig. Anim.* 11:219-231.
- Miringa, E. M. 1975. Pasteurellosis in African grey parrots (*Psittacus erithacus* L.). *Avian Dis.* 19(4):812-813.
- Mitrovic, M. 1967. Chemotherapeutic efficacy of sulfadimethoxine against fowl cholera and infectious coryza. *Poult. Sci.* 46(5):1153-1158.
- Mitrovic, M., and J. C. Bauernfeind. 1971. Efficacy of sulfadimethoxine in turkey diseases. *Avian Dis.* 15(4):884-893.

- Mitrovic, M., G. Fusiek, and E. G. Schildknecht. 1969. Antibacterial activity of sulfadimethoxine potentiated mixture (Ro 5-0013) in chickens. *Poult. Sci.* 48(4):1151-1155.
- Mitrovic, M., G. Fusiek, and E. G. Schildknecht. 1971. Antibacterial activity of sulfadimethoxine potentiated mixture (Rofenaid) in turkeys. *Poult. Sci.* 50(2):525-529.
- Mitrovic, M., W. L. Marusich, and J. Fellig. 1972. Chemotherapeutic, nutritional and biochemical compatibility of Rofenaid and Ipropran in turkeys. *Poult. Sci.* 51(3):764-770.
- Mitrovic [Mitrovic], M., P. H. Matischeck, and L. C. Lynch. 1962. Studies on local tissue reaction and adjuvant effect on the antigenicity of fowl cholera emulsified bacterins in chickens. *Poult. Sci.* 41(1):87-91.
- Molnar, J. 1970. Problems of active immunization against fowl cholera. *Magy. Allatorv. Lapja* 25(8):436, 439-440.
- Moore, V. A. 1895. A preliminary investigation of diphtheria in fowls. U.S. Dep. Agric., Bur. Anim. Ind. Bull. 8:39-62.
- Mora, E. C., and S. A. Edgar. 1960. The control of fowl cholera with an experimental bacterin. *Poult. Sci.* 39(5):1277.
- Mraz, O. 1971. On the diagnosis of suspect strains of *Pasteurella multocida*. *Vet. Med. (Praha)* 16(1):19-28.
- Mudrov, H. 1968. Enzyme activity of certain types and strains of *Pasteurella multocida*. *Vet. Med. Nauki* 5(9):55-64.
- Mueller, H. E. 1971. Studies of the in vivo action on neuraminidase by *Pasteurella multocida*. *Z. Immunitaetsforsch.* 142(1):31-37.
- Murata, M., T. Horiuchi, and S. Namioka. 1964. Studies on the pathogenicity of *Pasteurella multocida* for mice and chickens on the basis of O-groups. *Cornell Vet.* 54(2):293-307.
- Murti, P. S. R. C. 1971. Studies on fowl cholera. I. Biochemical investigations of *Pasteurella multocida*. *Acta Vet. Acad. Sci. Hung.* 21(2/3):313-317.
- Mushin, R., R. Bock, and M. Abrams. 1977. Studies on *Pasteurella gallinarum*. *Avian Pathol.* 6(4):415-423.
- Namioka, S. 1970. Antigenic analysis of *Pasteurella multocida*. *Nat. Inst. Anim. Health Q. (Tokyo)* 10(Suppl.):97-108.
- Namioka, S., and D. W. Bruner. 1963. Serological studies on *Pasteurella multocida*. IV. Type distribution on the organisms on the basis of their capsule and O-groups. *Cornell Vet.* 53(1):41-53.
- Namioka, S., M. Murata, and R. V. S. Bain. 1964. Serological studies on *Pasteurella multocida*. V. Some epizootiological findings resulting from O antigenic analysis. *Cornell Vet.* 54:520-534.
- Nechaeva, N. M. 1955. The action of syntomycin on several stimulators of bacterial infections of animals and birds in experiments in vitro. *SB. Nauchn. Tr. L'Vovsk. Gosudarst. Vet. Zootech. Inst.* 1955(7):233-235. *Referat. Zhur. Biol.*, 1957, No. 68458.
- Nelson, C. L. 1955. The veterinarian in poultry practice. *Proc. Annu. Meet. Am. Vet. Med. Assoc.* 92:306-310.
- Nelson, J. 1899. Bacteriological study of an intestinal disease of ducks. Possibly cholera. Pages 299-309 in *Twentieth Annual Report of the New Jersey State Agricultural Experiment Station and the Twelfth Annual Report of the New Jersey Agricultural College Experiment Station.*
- Nobrega, P., and R. C. Bueno. 1950. The influence of the temperature on the viability and virulence of *Pasteurella avicida*. *Bol. Soc. Paulista Med. Vet.* 8:189-194.
- Novikov, A. P. 1956. Staining the stimulator of cholera in birds. *Veterinariia* 1956(6):80-81.
- Oddo, A. F., R. D. Pagan, L. Worden, and R. G. Botzler. 1978. The January 1977 avian cholera epornitic in northwest California. *J. Wildl. Dis.* 14(3):317-321.
- *Ojo, M. O. 1971. Studies on *Pasteurella* spp. isolated from cases of keratoconjunctivitis of poultry in the western state of Nigeria. *Bull. Epizoot. Dis. Afr.* 19(4):357-363.
- Olson, L. D. 1966. Gross and histopathological description of the cranial form of chronic fowl cholera in turkeys. *Avian Dis.* 10(4):518-529.
- Olson, L. D. 1970. A comparison of the growth of various microorganisms in air spaces of the turkey head. *Avian Dis.* 14(4):676-682.
- Olson, L. D. 1977. Comparison of low-level Rofenaid, low-level chlortetracycline, and vaccination with commercial bacterin for preventing pulmonary form of fowl cholera in turkeys. *Avian Dis.* 21(2):160-166.
- Olson, L. D. 1977. Evaluation of aureomycin for prevention of arthritic pulmonary and cranial forms of fowl cholera in turkeys. *Poult. Sci.* 56(4):1102-1106.
- Olson, L. D. 1977. Evaluation of Rofenaid and a commercial bacterin for prevention of cranial form of fowl cholera in turkeys. *Poult. Sci.* 56(4):1098-1101.
- Olson, L. D. 1977. Evaluation of two avirulent vaccines for preventing experimental fowl cholera in turkeys, and use of one vaccine in the field. *Avian Dis.* 21(2):178-184.
- Olson, L. D. 1977. Inexpensive collapsible covered pen with slatted floor for turkeys. *Avian Dis.* 21(2):310-314.
- Olson, L. D., and R. E. Bond. 1969. Survival of *Pasteurella multocida* in soil, water, carcasses, and in the mouths of various birds and mammals. *Proc. Annu. Meet. Livest. Sanit. Assoc.* 72:244-246.
- Olson, L. D., J. M. Donahue, and R. E. Bond. 1972. Comparison of three levels of a mixture of sulfadi-

- methoxine and ormetoprim for prevention of fowl cholera in turkeys exposed via the palatine tissues. *Avian Dis.* 16(4):687-691.
- Olson, L. D., P. D. Garrett, and R. E. Bond. 1974. Anatomic study of the auditory tube in the turkey head. *Am. J. Vet. Res.* 35(6):811-815.
- Olson, L. D., and E. L. McCune. 1968. Experimental production of the cranial form of fowl cholera in turkeys. *Am. J. Vet. Res.* 29(8):1665-1673.
- Olson, L. D., E. L. McCune, and R. E. Bond. 1969. Comparison of commercial and autogenous bacterins for control of the cranial form of fowl cholera in turkeys. *Avian Dis.* 13:252-260.
- Olson, L. D., E. L. McCune, and R. E. Bond. 1969. Epizootiologic pattern of fowl cholera in turkeys in Missouri. *Proc. Annu. Meet. Livest. Sanit. Assoc.* 72:240-243.
- Ose, E. E., and O. A. Muenster. 1968. A method for evaluation of vaccines containing *Pasteurella multocida*. *Am. J. Vet. Res.* 29(9):1863-1866.
- *Pabs-Garnon, L. F. 1970. Ecology and pathogenesis of fowl cholera in turkeys. Thesis. Univ. of Guelph. Bibliography: Leaves 128-137.
- Pabs-Garnon, L. F., and M. A. Soltys. 1971. Methods of transmission of fowl cholera in turkeys. *Am. J. Vet. Res.* 32(7):1119-1120.
- Pabs-Garnon, L. F., and M. A. Soltys. 1971. Multiplication of *Pasteurella multocida* in the spleen, liver, and blood of turkeys inoculated intravenously. *Can. J. Comp. Med.* 35(2):147-149.
- Padanyi, M. 1967. Studies on the determination of the therapeutic and toxic dose of sulphaquinoxaline in fowls experimentally infected with fowl cholera. *Magy. Allatorv. Lapja.* 22(4):152-155.
- Padanyi, M., and I. Weiner. 1967. Method of active immunization combined with therapeutic treatment in ducks infected with fowl cholera. *Magy. Allatorv. Lapja* 22(4):147-151.
- Palleja-figuerlo, J. M. 1965. How to combat fowl cholera. *Avic. Tec.* 16(2):56-58.
- Parry, R. T. 1966. *Pasteurella* infections in poultry. *Poult. Rev.* 6(3):43-50.
- Pasteur, L. 1880. De l'attenuation du virus du cholera des poules. *C. R. Acad. Sci.* 91:673-680.
- Pasteur, L. 1880. Sur les maladies virulentes, et en particulier sur la maladie appelée vulgairement cholera des poules. *C. R. Acad. Sci.* 90:239-248, 1030-1033.
- Patton, J. W. 1926. Avian hemorrhagic septicemia (fowl cholera). *J. Am. Vet. Med. Assoc.* 21(5):581-602.
- Paul, I. 1964. The hepatic and biliar blade modifications due to avian pasteurellosis. *Bucharest Inst. Agron. N. Balcescu. Lucrari Sti. Ser. C* 7:333-342. (English summary.)
- Penn, C. W., and L. K. Nagy. 1974. Capsular and somatic antigens of *Pasteurella multocida* type B and type E. *Res. Vet. Sci.* 16(2):251-259.
- Perreau, P. 1961. Contribution a l'étude immunologique de *Pasteurella multocida*. *Rev. Elev. Med. Vet. Pays Trop.* 14:245-256.
- Perreau, P. 1961. *Pasteurella multocida* (Robert's type I) capsular antigen and antifoam silicones. *Annu. Inst. Pasteur (Paris)* 101(6):977-980.
- Perreau, P., and J. P. Petit. 1963. Glycolipid antigen of *Pasteurella multocida* type E. *Rev. Elev. Med. Vet. Pays Trop.* 16(1):5-18.
- Peterson, E. H. 1948. Sulfonamides in the prophylaxis of experimental fowl cholera. *J. Am. Vet. Med. Assoc.* 113:263-266.
- Peterson, E. H. 1949. Sulfas win the battle with cholera. *Turkey World*, May 1949:15-17.
- Peterson, E. H. 1960. Relative activity of the broad-spectrum antibiotics in birds as measured by clinical effect. *Poult. Sci.* 39(4):960-970.
- Petrides, G. A., and C. R. Bryant. 1951. An analysis of the 1949-50 fowl cholera epizootic in Texas Panhandle waterfowl. *Trans. N. Am. Wildl. Conf.* 16:193-216.
- Pier, A. C. 1973. Effects of aflatoxin on immunity. *J. Am. Vet. Med. Assoc.* 163(11):1268-1269.
- Pier, A. C., K. L. Heddleston, S. J. Cysewski, and J. M. Patterson. 1972. Effect of aflatoxin on immunity in turkeys. II. Reversal of impaired resistance to bacterial infection by passive transfer of plasma. *Avian Dis.* 16(2):381-387.
- Pirosky, I. 1938. Sur les propriétés immunisantes antitoxiques et anti-infectieuses de l'antigène glucidolipidique de *Pasteurella aviseptica*. *C. R. Soc. de Biol.* 127:966-969.
- Piskovoi, F. R. 1958. Oxytetracycline, an effective drug for the control of pasteurellosis in birds. *Ptitsevodstvo* 12. 37-39. Referat. *Zhur. Biol.*, 1959, No. 102441.
- Pomeroy, B. S. 1957. Summer health problems. *Turkey World*, July 1957:16-17, 42-43.
- Popova, Z. V., E. L. Gorev, I. P. Goreva, and A. E. Bakaev. 1964. Use of terramycin in pasteurellosis of poultry. *Kolkhozno-Sovkhoznoe Proizvod. Tadzhikistana* 10:52-57.
- Popovici, I. 1964. Capacity to recover virulence in 4 attenuated strains of *Pasteurella multocida* in poultry and mice vaccines. *Lucr. Stiint. Inst. Agron. 'N Balcescu' Ser. C* 7:229-236.
- Popovici, I., and V. Gogoasa. 1962/1963. Experimental researches on the immunization against avian cholera with attenuated live cultures. *Lucr. Stiint. Inst. Patol. Ig. Anim.* 12:273-281.
- Popoviciu, A. 1966. Antibiotic-sensitivity of some *Pasteurella* strains. Moldamine and solvocillin in avian pasteurellosis control. *Lucr. Stiint. Ser. C* 9:273-281.
- Prier, J. E. 1950. The in vivo and in vitro effect of aureomycin upon *Pasteurella multocida*. *Vet. Med.* 45(6):243-245.

- Prince, G. H., and J. E. Smith. 1966. Antigenic studies on *Pasteurella multocida* using immunodiffusion techniques. II. Relationships with other gram-negative species. J. Comp. Pathol. Therap. 76(3):315-320.
- Prince, G. H., and J. E. Smith. 1966. Antigenic studies on *Pasteurella multocida* using immunodiffusion techniques. III. Relationships between strains of *Pasteurella multocida*. J. Comp. Pathol. Therap. 76:321-332.
- Pritchett, I. W., F. R. Beaudette, and T. P. Hughes. 1930. Epidemiology of fowl cholera. IV. Field observations of the "spontaneous" disease. J. Exp. Med. 51:249-258.
- Pritchett, I. W., F. R. Beaudette, and T. P. Hughes. 1930. The epidemiology of fowl cholera. V. Further field observations of the "spontaneous" disease. J. Exp. Med. 51:259-274.
- Pritchett, I. W., and T. P. Hughes. 1932. The epidemiology of fowl cholera. VI. The spread of epidemic and endemic strains of *Pasteurella avicida* in laboratory populations of normal fowl. J. Exp. Med. 55:71-78.
- Prokof'eva, M. T., I. N. Doroshko, and I. A. Bukharin. 1959. New methods of vaccination against fowl cholera. Tr. Ukr. Nauchno.-Issled. Inst. Eksptl. Vet. 25:161-173. Referat. Zhur., Biol., 1960, No. 91630.
- Prunesco, P., and C. Prunesco. 1972. Phagocytosis of bacteria by avian red cells. Naturwissenschaften 59(1):41.
- Pusic, I. 1970. The effect of environment on the incidence of fowl cholera. Veterinaria (Sarajevo) 1:148-151.
- Pustovit, G. 1966. Conservation of virulent form of *Pasteurella* in body of vaccinated poultry. Ptitsevodstvo 11:28-29.
- Queen, F. B., and E. R. Quortrup. 1946. Treatment of *Pasteurella multocida* infection in wild ducks with autogenous bacterin and penicillin. J. Am. Vet. Med. Assoc. 108(827):101-103.
- Quortrup, E. R., F. B. Queen, and L. T. Merovka. 1946. An outbreak of pasteurellosis in wild ducks. J. Am. Vet. Med. Assoc. 108(827):94-100.
- Radnai, I. 1973. The fowl cholera. Baromfitenyesztes 17(11):18-19.
- Raggi, L. G., and G. S. Stratton. 1954. Pasteurellosis in coots. Cornell Vet. 42:229-230.
- *Rahmanina, T. A. 1966. Characteristic strain of causative agent of pasteurellosis of poultry in Tadzhikistan. Mosc. Vses. Inst. Eksp. Vet. Tr. 32:123-130.
- Rebers, P., M. Phillips, K. Heddlestone, and B. Cerny. 1977. Characterization of the protective antibodies induced in chickens with *Pasteurella multocida* lipopolysaccharides purified by equilibrium density gradient centrifugation in cesium chloride. Fed. Proc. 36(3):1289. (Abstr.)
- Rebers, P. A., and K. L. Heddlestone. 1964. Isolation and preliminary characterization of an antigen from *Pasteurella multocida* which can induce immunity in chickens. Fed. Proc. 23 (2 Pt. 1):143.
- Rebers, P. A., and K. L. Heddlestone. 1966. Purification of toxin carbohydrate antigens from *Pasteurella multocida*. Fed. Proc. 25 (2 Pt. 1):434.
- Rebers, P. A., and K. L. Heddlestone. 1974. Immunologic comparison of Westphal-type lipopolysaccharides and free endotoxins from an encapsulated and a nonencapsulated avian strain of *Pasteurella multocida*. Am. J. Vet. Res. 35(4):555-560.
- Rebers, P. A., and K. L. Heddlestone. 1975. Immune response of chickens and rabbits to Westphal lipopolysaccharides of *Pasteurella multocida*. Abstr. Annu. Meet. Am. Soc. Microbiol. 75:17.
- Rebers, P. A., and K. L. Heddlestone. 1977. Fowl cholera: Induction of cross-protection in turkeys with bacterins prepared from host-passaged *Pasteurella multocida*. Avian Dis. 21(1):50-56.
- Rebers, P. A., K. L. Heddlestone, and D. J. Ganfield. 1965. Isolation and characterization of a toxic, particulate and protective antigenic fraction from *Pasteurella multocida*. Fed. Proc. 24 (2 Pt. 1):698. Abstract also published in Vet. Bull. 35(9):544.
- Rebers, P. A., K. L. Heddlestone, and K. R. Rhoades. 1967. Isolation from *Pasteurella multocida* of a lipopolysaccharide antigen with immunizing and toxic properties. J. Bacteriol. 93(1):7-14.
- Rebers, P. A., K. L. Heddlestone, B. Wright, and K. Gillette. 1975. Fowl cholera: Cross-protective turkey antisera and IgG antibodies induced with *Pasteurella multocida*-infected tissue bacterins. Carbohydr. Res. 40:99-110.
- Reed, A., and J. G. Cousineau. 1967. Epidemics involving the common eider (*Somateria mollissima*) at Ile Blanche, Quebec. Nat. Can. 94(3):327-334. Also published as Proc. Annu. Meet. Northeast Sect. Wildl. Soc. 24. 13 pp.
- Reis, J. 1941. On the presence of *Pasteurella avicida* in feces of infected birds. Arq. Inst. Biol. (Sao Paulo) 12:307-309.
- Renault, L., J. Guillon, and M. Palisse. 1962. The etiology of respiratory diseases of poultry. Bull. Acad. Vet. Fr. 35(7):283-288.
- Renes, I. 1972. Studies to reveal the pathomechanism of fowl cholera (Preliminary communication. I.). Magy. Allatorv. Lapja 272:336-340.
- Rhoades, K. R. 1964. The microscopic lesions of acute fowl cholera in mature chickens. Avian Dis. 8(3):658-665.
- Rice, J. T., B. W. Bierer, and J. W. Dick. 1975. Fowl cholera vaccination of broiler chickens with a live *Pasteurella multocida* vaccine. Poult. Sci. 54(5):1809.

- Richard, J. L., S. J. Cysewski, A. C. Pier, and G. D. Booth. 1978. Comparison of effects of dietary T-2 toxin on growth, immunogenic organs, antibody formation, and pathologic changes in turkeys and chickens. *Am. J. Vet. Res.* 39(10):1674-1679.
- Richey, D. J., and C. L. Morgan. 1957. The effect of chloromycetin and sulfaquinoxaline on fowl cholera in turkeys. *Poult. Sci.* 36(3):536-538.
- Rodriguez, L., and J. Antonio. 1946. Inmunidad contra el colera aviario. *Gac. Vet.* 8(1946):66-87, 131-177.
- Romero, C. H., W. Claflin, F. Frank, T. S. Chang, and H. G. Purchase. 1978. Vaccination immunity to selected diseases in chickens fed the androgen analog mibolerone. *Poult. Sci.* 57(1):74-79.
- Romero, C. H., H. G. Purchase, F. Frank, B. R. Burmester, T. J. Kakuk, and T. S. Chang. 1977. Immune responses of chickens fed the androgen analog mibolerone. *Avian Dis.* 21(2):264-279.
- Rosen, M. N. 1969. Species susceptibility to avian cholera. *Bull. Wildl. Dis. Assoc.* 5(3):195-200.
- Rosen, M. N. 1972. The 1970-71 avian cholera epornitic impact on certain species. *J. Wildl. Dis.* 8(1):75-78.
- Rosen, M. N., and A. I. Bischoff. 1949. The 1948-49 outbreak of fowl cholera in birds in the San Francisco Bay area and surrounding counties. *Calif. Fish Game* 35(3):185-192.
- Rosen, M. N., and A. I. Bischoff. 1950. The epidemiology of fowl cholera as it occurs in the wild. *Trans. N. Am. Wildl. Conf.* 15:147-153.
- Rosen, M. N., K. D'Amico, and E. J. O'Neill. 1973. First record of a golden eagle death due to avian cholera. *Calif. Fish Game* 59(3):209-210.
- Rosen, M. N., and W. T. Hubbert. 1965. Workshop symposium on avian pasteurellosis. *Bull. Wildl. Dis. Assoc.* 1(2):11-13.
- Rosen, M. N., and E. E. Morse. 1959. An interspecies chain in a fowl cholera epizootic. *Calif. Fish Game* 45(1):51-56.
- Rossi, L. 1969. Reactions to homologous and heterologous allergens of hens sensitized with atypical mycobacteria and the influence of vaccination against fowl pest and fowl cholera on the development of allergy. *Acta Vet.* 38(3):423-433.
- Ryazantsev, M. F. 1962. The effectiveness of live vaccines of the AB and K strains in pasteurellosis of birds. *Veterinariya* 39(10):51-52.
- Ryu, E. 1959. Studies on *Pasteurella multocida*. I. Inhibitory action of blood on the growth of *P. multocida*. *Jpn. J. Vet. Sci.* 21(2):97-102.
- Ryu, E. 1959. Studies on *Pasteurella multocida*. II. The value of egg agar used for the cultivation of *P. multocida*. *Jpn. J. Vet. Sci.* 21(3):133-138.
- Ryu, E. 1959. Studies on *Pasteurella multocida*. IV. The immunizing value of egg agar vaccine against fowl cholera. *Jpn. J. Vet. Sci.* 21(5):281-287.
- Ryu, E. 1961. Studies on *Pasteurella multocida*. V. Further study on the immunizing value of egg agar vaccine against fowl cholera. *Jpn. J. Vet. Sci.* 23(5):303-306.
- Ryu, E. 1961. Studies on *Pasteurella multocida*. VI. The relationship between inhibitory action of blood and susceptibility of animals to *Pasteurella multocida*. *Jpn. J. Vet. Sci.* 23(6):357-361.
- Ryu, E. 1961. Studies on *Pasteurella multocida*. VII. Fractionation tests of growth inhibitory substance in normal horse and goat sera against *Pasteurella multocida*. *Jpn. J. Vet. Sci.* 23(6):363-366.
- Salmon, D. E. 1880. Investigations of fowl cholera. Pages 401-426 in Report of U.S. Commissioner of Agriculture.
- Salmon, D. E. 1881. Investigation of swine plague, fowl cholera, and southern cattle fever. Pages 258-306 in Report of U.S. Commissioner of Agriculture.
- Savich, B. M., E. G. Posokhin, L. S. Malakhova, A. A. Petrushkin, V. P. Markov, V. N. Kulikova, P. F. Dakhkil'gova, and P. G. Shcherbinin. 1962. A trial of avirulent vaccine against avian pasteurellosis. *Veterinariya* 39(12):32-37. Abstract also published in *Vet. Bull.* 33(6):290.
- Seddon, H. R. 1914. Oedema of the wattles of fowls due to an organism of the *Pasteurella* group. *Vet. J.* 21:24-34.
- Sharma, R. N., and N. P. Bhalla. 1969. Studies on haematological response in fowls to *Pasteurella septica* (avian). I. Response to inoculation of virulent culture. *Indian Vet. J.* 46(3):195-202.
- Shcherbina, A. K., K. A. Nastenkov, K. I. Dmitriev, and M. F. Stepenko. 1960. Antibiotics against experimental pasteurellosis of fowl. Author's summary. *Veterinariya* 2:40; Referat. *Zhur. Biol.*, 1960, No. 100783.
- Shillinger, J. E., and L. C. Morley. 1937. Diseases of upland game birds. U.S. Dep. Agric. Farmers Bull. 1781. 33 pp. Also published in *Wildl. Rev.* 10:9; reprinted 1942 as Circ. U.S. Fish and Wildl. Conservation Bull. 21. 32 pp.
- Shook, W. B., and H. Bunyea. 1939. The detection of carriers of fowl cholera, and its control, by means of a stained-antigen, rapid whole-blood test. *Poult. Sci.* 18(2):146-149.
- Shubin, V. A. 1966. Histological differential diagnostics of pasteurellosis and chicken mycoplasmosis. *Veterinariya (Mosc.)* 8:39-42.
- *Shubin, V. A. 1966. Pathomorphological changes of hens with pasteurellosis. *Mosc. Vses. Inst. Eksp. Vet. Tr.* 32:133-143.
- Simbirtsev, V. E., and V. N. Zakharishchev. 1972. Administering the GNKI emulsified vaccine in cases of fowl cholera. *Veterinariya* 1:50-51.
- *Sison, J. A. 1970. Facts about fowl cholera. *Philipp. Farms Gard.* 7(4):11, 13, 28.

- Skidmore, L. V. 1932. The transmission of fowl cholera to turkeys by the common house fly (*Musca domestica* Linn) with brief notes on the viability of fowl cholera microorganisms. *Cornell Vet.* 22:281-285.
- Smith, H. W. 1955. The chemotherapy of experimental fowl cholera in fowl *Gallus domesticus*. *J. Comp. Path. Ther.* 65:309-316.
- Smith, H. W., and H. I. Field. 1944. The isolation of *Pasteurella aviseptica* from a turkey. *Vet. J.* 100(2):35-38.
- Srivastava, K. W., J. W. Foster, D. L. Dawe, J. Brown, and R. B. Davis. 1970. Immunization of mice with components of *Pasteurella multocida*. *Appl. Microbiol.* 20(6):951-956.
- Stafseth, H. J. 1958. Advances in knowledge of poultry diseases over the past fifty years. *Poult. Sci.* 37(4):741-774.
- Staples, K. J. 1969. Problems in raising ducks. *S. Austr. J. Agric.* 72(6):202-207.
- Steinhagen, P., and G. Schellhaas. 1968. Pasteurellosis in a falconry. *Berl. Munch. Tierarztl. Wochenschr.* 81(4):72-75.
- Stephan, S. A. R., V. R. Kaschula, and A. S. Canham. 1949. Fowl cholera in the Malmesbury district of the Western Province. *J. S. Afr. Vet. Med. Assoc.* 20(3):138-141.
- Stepkowski, S., and J. Rzedzicki. 1964. Action of the oil suspension of oxytetracycline in the experimental pasteurellosis of poultry. *Med. Weter.* 20(8):461-464.
- Stepkowski, S., and M. Szemberowa. 1961. The action of oxytetracycline in pasteurellosis of birds. *Ann. Univ. Mariae Curie-Sklodowska Sect. DD Med. Vet.* 16(15):227-238.
- Sterk, V., Z. Calic, and K. Petrovic. 1956. Kolera per-nate zivine kao uzrok uginjavanja pacica [Fowl cholera in ducklings]. *Vet. Glas.* 10:822-826. Abstract also published in *Vet. Bull.* 29(4):170-171.
- Stoenscu, V., C. Ungureanu, G. Dabija, and I. Marinescu. 1964. Prophylactic-curative treatment by drugs of fowl cholera cases. *Bucharest Inst. Cercet. Vet. Bioprep. Pasteur Lucr.* 3(1):185-201.
- Stuart, E. E., R. D. Keenum, and H. W. Bruins. 1966. Efficacy of sulfathoxypyridazine against fowl cholera in artificially infected chickens and turkeys, and its safety in laying chickens and broilers. *Avian Dis.* 10(2):135-145.
- Stuart, E. E., R. D. Keenum, L. E. Ousterhout, and H. W. Bruins. 1966. The enhancement of chlortetracycline activity against *Pasteurella multocida* with sodium sulphate for treatment of fowl cholera. *Poult. Sci.* 45(1):21-26.
- Sturman, I. I., and I. Glebova. 1965. The role of chicken mites in pasteurellosis infection. *Veterinariya (Mosc.)* 12:85-87.
- Suarez, J. G., and L. L. Ilazabal. 1941. Epidemia de colera en los patos marinos. *Rev. Med. Vet. (Buenos Aires)* 23:145-149.
- Sulong, A. K., and S. K. Maheswaran. 1976. Studies on *P. multocida*. Immunofluorescence detection of the organisms in spleen and lungs of turkeys vaccinated with live oral vaccines. *Vet. Microbiol.* 1:3-14.
- Svetlov, L. L., and I. M. Tereshin. 1974. Effect of oxy-tetracycline and chloramphenicol on some properties of *Pasteurella multocida* DNA. *Antibiotiki (Mosc.)* 19(3):252-255.
- Szecsényi, I. 1964. Results of new methods in control of fowl cholera. *Baromfitenyesztes* 8(8):13.
- Szecsényi, I. 1965. Additional data to the etiology, epi-zoology and the problem of carrier state in fowl cholera. *Magy. Allatorv. Lapja* 20(2):53-56.
- Szecsényi, I. 1965. Diagnosis of fowl cholera. *Magy. Allatorv. Lapja* 20(3):111-113.
- Szecsényi, I. 1966. Literature review on control of fowl-cholera. *Mezogazdasagi Vilagirolalom* 8(2):142-146.
- Szecsényi, I. 1974. Contradictions in the control of fowl cholera, possible solutions. *Baromfitenyesztes* 18(3):8-9.
- Szecsényi, I. 1976. History and results of fowl cholera in Hungary. *Baromfitenyesztes* 20(5):12-13.
- Tello, A. 1959. Control of Newcastle disease and fowl cholera. *Vet. y. Zoot.* 11(30):23.
- Tereszczuk, S. 1965. The biological properties of Polish strains of *Pasteurella multocida* and their suitability for the production of biopreparations. *Med. Weter.* 21(10):589-592.
- Thuravlev, I. V. 1958. The use of novarsenol in fowl cholera and in hemosepticemia of swine. *Veterinariia* 1958(9):72.
- Toshkov, A., S. Nedyalkov, G. Kamburov, D. Velyanov, Ya. Karadzhov, L. Shirova, and E. Slavcheva. 1965. The influence of etiotropic therapy on the mutual relationships between micro and macroor-ganisms. II. Studies of a pattern of fowl-cholera treated with sigmamycin. *Bulgar. Akad. Na Nauk. Mikrobiol. Inst. Izv.* 17:183-192.
- Trishkina, E. T. 1976. Drug resistance of microor-ganisms pathogenic for farm animals: Review. *S-KH Biol.* 11(3):401-408.
- Tsimokh, P. F. 1973. Economic effectiveness of veteri-nary measures dealing with fowl cholera. *Veterinariia (Mosk.)* 6:56-58.
- Tsimokh, P. F., and R. S. Shemet. 1971. The effect of vitamin A on resistance of poultry to pasteurellosis. *Veterinariia* 7:40-41.
- Ubach, F. A. 1940. Observaciones de patologia orni-tologica. El colera en las aves de corral y ostros especies de la fauna indigena. Sus replaciones conla pasteurellosis de los suinos [Fowl cholera in domes-tic and wild birds; relationship to porcine pasteur-ellosis]. *An. Fac. Med. Vet. Univ. LaPlata* 1:91-156.
- U.S. Food and Drug Administration. 1965. Notice of filing of petition for food additive sulfaethoxyypyri-dazine (for treatment of coryza [*Hemophilus galli-*

- narum*], cholera [*Pasteurellae*], and fowl typhoid [*Salmonella gallinarum*] in chickens). Fed. Regist. 30(199):13103.
- U.S. Food and Drug Administration. 1966. Notice of filing of petition for food additive sulfadimethoxine as an aid in control of coccidiosis, fowl cholera, and infectious coryza of poultry. Fed. Regist. 31(50):4425.
- U.S. Food and Drug Administration. 1969. Notice of filing of petition for food additive sulfadimethoxine. Fed. Regist. 34(47):5086.
- Van Es, L., and H. M. Martin. 1920. The value of commercial vaccines and bacterins against fowl cholera. Univ. Nebr. Exp. Stn. Res. Bull. 18. 11 pp.
- Van Es, L., and H. M. Martin. 1921. The Nebraska hemorrhagic septicemia experiments and the critics. J. Am. Vet. Med. Assoc. 11:572-589.
- Van Es, L., and J. F. Olney. 1940. An inquiry into the influence of environment on the incidence of poultry diseases. Univ. Nebr. Agric. Exp. Stn. Res. Bull. 118:17-21.
- Vaught, R. W., H. C. McDougale, and H. H. Burgess. 1967. Fowl cholera in waterfowl at Squaw Creek National Wildlife Refuge, Missouri. J. Wildl. Manage. 31(2):248-253.
- Voitov, L. I. 1966. Microscopic changes in the liver of turkeys affected with pasteurellosis. Veterinariya 5:33-35.
- Waddington, F. G. 1944. Pasteurellosis in poultry and wild birds in Tanganyika territory. Vet. J. 100:187-191.
- Walser, M. M., and R. B. Davis. 1975. In vitro characterization of field isolants of *Pasteurella multocida* from Georgia turkeys. Avian Dis. 19(3):525-532.
- Wang, G. T., H. W. Layton, K. L. Simkins, and A. L. Shor. 1973. Anticoccidial and antibacterial activities of robenidine and chlortetracycline combinations in chickens. Poult. Sci. 52(5):2099.
- Ward, A. R. 1904. Fowl cholera. Calif. Agric. Exp. Stn. Bull. 156. 20 pp.
- Webster, L. T. 1930. The epidemiology of fowl cholera. Experimental studies. I. Introduction. J. Exp. Med. 51:219-223.
- Webster, L. T., T. P. Hughes, I. W. Pritchett, and F. R. Beaudette. 1927. *Pasteurella avisepticum* infection in poultry. Proc. Soc. Exp. Biol. Med. 25:119-121.
- Weiner, I. 1965. Control of fowl cholera in large duck breeds. Veterinarstvi 15(6):246-249.
- Weiner, I. 1965. Control of fowl cholera in large stocks of ducks. Wien. Tieraerztl. Monatsschr. 52(6):618-626.
- Weiner, I. 1966. Prevention and control of fowl cholera on large duck farms. Magy. Allatorv. Lapja 21(2):83-86.
- Werda, K. 1955. Effect of iron upon the blood picture of healthy hens and those inoculated with chicken cholera. Ann. Univ. Mariae Curie-Sklodowska Sect. DD Med. Vet. 10(9):239-267.
- Wichmann, R. W., and J. H. Stoner. 1974. The protective effect conferred by *Pasteurella multocida* bacterin administered intranasally. Avian Dis. 18(4):631-633.
- Wickware, A. B. 1945. Case reports of relatively infrequent diseases observed at the poultry pathology laboratory. Can. J. Comp. Med. Vet. Sci. 9(6):151-154.
- Winterfield, R. W. 1966. Notable advances made in turkey vaccination. Poult. Meat 41(2):A56, A60, A62, A64.
- Witter, J. F. 1940. Observations on fowl cholera diagnosis. Poult. Sci. 19(5):366.
- Yadav, M. P., V. D. Sharma, and M. S. Sethi. 1977. An outbreak of fowl cholera due to *Pasteurella gallinarum* in Uttar Pradesh (India). Avian Dis. 21(2):323-325.
- *Yamaguchi, Y., and T. Baba. 1975. Demonstration in tissue culture of cellular immunity of fowl cholera. Proceedings of the Intersect. Congr. Int. Assoc. Microbiol. Soc. (1974) 1(v.4):14-18.
- Yaw, K. E., L. Briefman, and J. C. Kakavas. 1956. A comparison of virulence for mice and chickens of different colonial variants of the three serological types of *Pasteurella multocida*. Am. J. Vet. Res. 17(62):157-159.
- Yaw, K. E., and J. C. Kakavas. 1957. A comparison of the protection-inducing factors in chickens and mice of a type 1 strain of *Pasteurella multocida*. Am. J. Vet. Res. 18(69):661-664.
- Zebrowski, L., H. Majewska, and Z. Byczynski. 1964. Investigations on the variability of the pathogenicity of Newcastle disease virus (NDV). IV. Influence of bacterial infection (*Pasteurella multocida*) and parasitic invasion (*Ascaridia galli*). Acta Microbiol. Pol. 13(3):205-210.
- Zhavnenko, V. M. 1970. Using fluorescent microscopy for the manifestation of atypical forms of bacterial pathogens in diagnosing fowl cholera, colibacillosis and pullorum disease of poultry. World Vet. Poult. Assoc. (Int. Congr. Pap.) 4th:611-616.
- Zhekov, S. 1968. Immunological study of *Pasteurella multocida* strains, isolated in Bulgaria. Vet. Med. Nauki 5(10):53-61.
- Zhekov, S. 1969. A study of avirulent strains of *Pasteurella multocida*. Vet. Med. Nauki 6(2):53-60.
- Zinkl, J. G., N. Dey, J. M. Hyland, J. J. Hurt, and K. L. Heddleston. 1977. An epornitic of avian cholera in waterfowl and common crows in Phelps County, Nebraska, in the spring, 1975. J. Wildl. Dis. 13(2):194-198.
- Zinkl, J. G., J. J. Hurt, J. M. Hyland, N. Dey, D. Studnicka, and D. D. King. 1977. Treatment of captive giant Canada geese affected by avian cholera. J. Wildl. Dis. 13(3):294-296.

- Zolli, Z., and D. E. Polewaczyk. 1970. Studies on the use of spectinomycin to control several diseases of poultry: Chronic respiratory disease (*E. coli*), *Salmonella typhimurium*, Arizona Group infection, and fowl cholera. World Vet. Poult. Assoc. (Int. Congr. Pap.) 4th:177-184.
- Zolli, E., and D. E. Polewaczyk. 1970. Study of the use of spectinomycin in the control of some diseases in poultry. Vet. Glas. 24(9):671-676.
- Zuydam, D. M. 1952. Penicillin as therapeutic in fowl cholera. Tijdschr. Diergeneeskd. 77:256-257.
- Zuydam, D. M. 1952. Penicillin in fowl cholera. J. Am. Vet. Med. Assoc. 121(904):55. (Abstr.)
- Zuydam, D. M. 1953. Penicillin treatment of fowl cholera. Vet. Bull. 23(7):290-291. (Abstr.)
- Zuydam, V. I. 1963. Tetracycline in avian pasteurellosis. Veterinariya 40(12):55-57.
- Zuydan, V. I. 1964. Efficacy of tetracycline in the treatment of avian pasteurellosis. Antibiotiki 9(2):161-165.
- Zuydan, V. I. 1964. Sulfamethoxypyridazine for treatment of pasteurellosis of poultry. Ptitsevodstvo 9:33.

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
EDITORIAL OFFICE
AYLESWORTH HALL, CSU
FORT COLLINS, COLORADO 80523

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF THE INTERIOR
INT 423



NOTE: Mailing lists are computerized. Please return address label with change of address.